



AALBORG UNIVERSITET

Fakultetskontoret for
ENGINEERING, SUND og TECH

Dokument dato: 5. januar 2018

Dokumentansvarlig: Mark Gammeljord

Dagsorden for Akademisk Råds møde nr. 20178 onsdag den 10. januar 2018

kl. 14.30-16.00 Niels Jernes vej 10, mødelokale lokale 1

Indkaldte:

Mads Græsbøll Christensen, Henrik Pedersen, Petar Popovski, Knud Erik Skouby, Arne Remmen, Henrik Lund, Bent Thomsen, Ivan Aaen, Stefania Serafin, Kristoffer Holger Weithøft Lindstrøm, Torben Larsen, Thomas Bak, Claus Lassen, Lise Nordensgaard, Kirsten Nielsen, Morten Meyer Rasmussen, Lukas Bjørn Leer Bysted

Afbud:

Torben Larsen,

	Dagsordenpunkter
1.	Godkendelse A. Godkendelse af dagsorden for AR møde 20178 B. Godkendelse af referat af AR ekstramøde 20177
2.	Tildeling af ph.d.-grad til positivt bedømte ph.d.-afhandlinger fra:
3.	Indstillinger vedr. sammensætning af sagkyndigt udvalg vedr. professorstilling i: "IFM – Centre for Blue Governance" ved Institut for Planlægning Bilag AR 20178-3
4.	Indstilling vedr. sammensætning af sagkyndige udvalg vedr. lektorstilling i: "Computer Science" ved Institut for Datalogi Bilag AR 20178-4

5.	<p>Indstilling vedr. sammensætning af sagkyndige udvalg vedr. adjunktstilling i:</p> <p>"Computer Science" ved Institut for Datalogi (stilling 201736)</p> <p>Bilag AR 20178-5</p>
6.	<p>Indstillinger vedr. sammensætning af sagkyndigt udvalg vedr. postdocstillinger i:</p> <p>A. "Modelling and Control of Pump Assisted Heat Pipe Systems" ved Institut for Elektroniske Systemer</p> <p>B. "Characterization of and alleviation for hearing-aid users with low compensation benefit" ved Institut for Elektroniske Systemer</p> <p>Bilag AR 20178-6A-B</p>
7.	<p>Udkast til ny forretningsorden</p> <p>AR har i 2017 besluttet, at forhåndsgodkende bedømmelsesudvalg samt tildelinger af Ph.d.-grader. Som følge heraf er det nødvendigt, at AR vedtager en ny forretningsorden.</p> <p>Bilag AR 20178-7A Bilag AR 20178-7B</p>
8.	<p>Præsentation af digitalisering i undervisning</p> <p>Prodekan for uddannelse Jakob Stoustrup præsenterer TECHs ønsker for digitalisering af undervisning.</p>
9.	<p>Meddelelser fra dekanen og/eller formanden</p>
10.	<p>Eventuelt</p>

Til orientering

OBS! Vedr. bedømmelsesudvalg: I de tilfælde hvor ansøgningsfristen ligger efter Akademisk Råds møde kontrolleres der efterfølgende for inhabilitet og sammensætning af udvalget (kvindelig bedømmer). Hvis der konstateres uregelmæssigheder, vil dekanen/formanden godkende nyt/nye medlemmer.



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Dokument dato: 21. december 2017

Dokumentansvarlig: Mark Gammeljord

Referat fra Akademisk Råd møde nr. 20177 onsdag den 20. december 2017
kl. 12.30-16.00 Mødelokale A Novi, Alfred Nobelsvej 21

Fremmødte:

Mads Græsbøll Christensen, Henrik Pedersen, Petar Popovski, Knud Erik Skouby, Arne Remmen, Henrik Lund, Bent Thomsen, Ivan Aaen, Stefania Serafin, Kristoffer Holger Weithøft Lindstrøm, Torben Larsen

Afbud: Thomas Bak, Claus Lassen, Lise Nordensgaard, Kirsten Nielsen, Morten Meyer Rasmussen, Lukas Bjørn Leer Bysted

Referent: Mark Gammeljord

	Dagsordenpunkter
1.	Godkendelse A. Godkendelse af dagsorden for AR ekstra møde 201217 B. Godkendelse af referat af AR møde 20176 Orientering: C. Referat fra ph.d.-udvalgsmøde 5-2017 den 24. oktober 2017. Bilag 20177-1c
	Punkterne godkendt
2.	Tildeling af ph.d.-grad til positivt bedømte ph.d.-afhandlinger fra: A. Asger Heidemann Andersen, Institut for Elektroniske Systemer. Afhandlingens titel: "Speech Intelligibility Prediction for Hearing Aid Systems". B. Bijay Neupane, Institut for Datalogi. Afhandlingens titel: "Predictive Data Analytics for Energy Demand Flexibility". C. Chres Wiant Sørensen, Institut for Elektroniske Systemer. Afhandlingens titel: "On Tunable Sparse Network Coding in Commercial Devices for Networks and Filesystems". D. Christina Dahl Madsen, Institut for Planlægning. Afhandlingens titel: "The logic of the project – a paradox in public administration". E. Dilshod Ibragimov, Institut for Datalogi. Afhandlingens titel: "Optimizing Analytical Queries over Semantic Web Sources". F. Emmanouil Valsomatzis, Institut for Datalogi. Afhandlingens titel: "Aggregation Techniques for energy flexibility" G. Lotte Raun, Institut for Arkitektur og Medieteknologi. Afhandlingens titel: "Designing

	<p>for service change. A study on how designers address implementation of service changes during service design projects for hospitals”</p> <p>H. Nicolai Bæk Thomsen, Institut for Elektroniske Systemer. Afhandlingens titel: “Speech processing for social robots to improve interaction with humans”</p> <p>I. Niels Werner Adelman-Larsen, Institut for Elektroniske Systemer. Afhandlingens titel: “Reverberation times suitable for venues that present pop and rock music”</p> <p>J. Ramin Irani, Institut for Arkitektur og Medieteknologi. Afhandlingens titel: “Computer vision-based methods for detection and measurement of psychophysiological indicators”</p> <p>Bilag 20177-2</p>
	Alle godkendt
3.	<p>Indstillinger vedr. sammensætning af sagkyndigt udvalg vedr. professorstillingen i:</p> <p>A. ”Human Geography” ved Institut for Planlægning (stilling 60230)</p> <p>Bilag 20177-3</p>
	Godkendt
4.	<p>Indstilling vedr. sammensætning af sagkyndige udvalg vedr. adjunktstillingerne i:</p> <p>A. ”Geoinformatics” ved Institut for Planlægning (stilling 201737)</p> <p>B. ”Energy Planning and Energy Systems Modelling” ved Institut for Planlægning (stilling 201738)</p> <p>C. ”Energy Planning and Geographical Information Systems” ved Institut for Planlægning (stilling 201739)</p> <p>Bilag 20177-4</p>
	Godkendt
5.	<p>Indstillinger vedr. sammensætning af sagkyndigt udvalg vedr. postdocstillingen i:</p> <p>A. ”Aerial connectivity over cellular networks” ved Institut for Elektroniske Systemer (stilling P21748)</p> <p>B. ”Control Theory” ved Institut for Elektroniske Systemer (stilling P21752)</p> <p>C. ”Sensor Technology for Creative Robotics in Architecture” ved Institut for Arkitektur og Medieteknologi (stilling P21755)</p> <p>Bilag 20177-5</p>
	Godkendt
6.	<p>Fremme af god videnskabelig praksis</p> <p>Som følge af den nye organisering af Aalborg Universitets Praksisudvalg (AAU Praksisudvalg eller PU AAU) pr. 1. juli 2017, blev ansvaret for fremme af god videnskabelig praksis placeret hos de Akademisk Råd (AR). Akademisk råd bedes derfor drøfte og beslutte en proces for, hvordan rådet får udarbejdet nye retningslinjer for fremme god videnskabelig praksis.</p> <p>Kristian Østergaard Sørensen og Helen Kjerstein Kristensen fra Ph.d.-kontoret deltager under punktet.</p> <p>Bilag 20177-6a Bilag 20177-6b Bilag 20177-6c Bilag 20177-6d</p>
	<p>En mulighed for at fremme god videnskabelige praksis kan være et ’brush-up’ kurser af god videnskabelige praksis til ældre forskere. AR tager en temadrøftelse af Danish Code of Conduct for Research Integrity i 2018, samt en drøftelse af, hvordan vi kan understøtte den gode retssikkerhed.</p> <p>AR vil i 2018 drøfte, hvordan man fremmer god videnskabelig praksis, når man interagerer i et internationalt forskningsmiljø.</p>
7.	<p>Æresdoktor 2018 for TECH</p> <p>Akademisk Råd bedes drøfte og godkende indstillingen fra bedømmelsesudvalget</p>

	Bilag 20177-7a Bilag 20177-7b
	Indstilling godkendes. Det efterspørges fremadrettet, at æresdoktorens tilknytning til AAU skal fremgå eksplicit i bedømmelsesudvalgets indstilling.
8.	Godkendelse af mødekalender 2018 AR bedes godkende mødekalenderen for 2018 Bilag 20177-8a Bilag 20177-8b
	Mødekalenderen godkendt
9.	Rammer for Akademisk Råds virke AR bedes drøfte hvilke rammer der er nødvendige for at rådet kan udøve sit virke og efterkomme de krav som er beskrevet til Akademisk råd i universitetsloven.
	Formanden orienterede om, at der er igangsat et forsøg med at synkronisere mødekalendere. AR har ønske om, at principelle dagsordensmateriale og referater bør være åbne.
10.	Meddelelser fra dekanen og/eller formanden
	Sagsfremstilling om forretningsorden for TECH AR påtænkes til januar mødet
11.	Eventuelt
	Dekanen orienterede om, og svarede på afklarende spørgsmål om, budgetprincipperne fra og med budget 2019

Til orientering

OBS! Vedr. bedømmelsesudvalg: I de tilfælde hvor ansøgningsfristen ligger efter Akademisk Råds møde kontrolleres der efterfølgende for inhabilitet og sammensætning af udvalget (kvindelig bedømmer). Hvis der konstateres uregelmæssigheder, vil dekanen/formanden godkende nyt/nye medlemmer.

**Fortegnelse over bedømmelsesudvalg til
stilling PROFESSOR POSITION AT IFM - Centre for Blue Governance(60231) ved PLAN**

Navn: Professor Frede Hvelplund
Arbejdssted: PLAN, AAU

Navn: Professor Anna-Katharina Hornidge
Arbejdssted: University of Bonn

Navn: Professor Emeritys Susan Hanna
Arbejdssted: Oregon State University

Eftersom Susan Hanna er professor emeritus skal "særlige forhold gør sig gældende". Susan har den helt rigtige profil på fiskeriområdet og hun er en af de meget få professorer på "sociologisk fiskeriforvaltning"-området indenfor det pågældende fagområde. Det vil således være meget svært at finde en erstatning. Susan var i 2016 del af bedømmelsespanel for professor Niels Madsen på AAU og er således delvist "forhåndsgodkendt".

Akademisk Råd har taget stilling til, at medlemmer af bedømmelsesudvalget er sagkyndige inden for stillingsområdet på et niveau, der mindst svarer til det, der forudsættes for stillingen, dog ikke under lektorniveau.

PROFESSOR POSITION AT IFM – Centre for Blue Governance (60231)

Position No.

60231

At the Technical Faculty of IT and Design, Department of Planning, a position of Professor in Marine Governance and Marine Spatial Planning is open for appointment from first of September 2018.

PLAN conducts research and teaching on development and planning in a broad sense, including social science aspects as well as more technical aspects of development, and with a focus on environmental, international as well as administrative dimensions.

The professor will be located in the city of Aalborg, Denmark. Internally within the University, the position will be linked to the research center IFM – Centre for Blue Governance. The aim of the Center is to contribute to an in depth understanding of marine governance structures and processes at sea and in coastal areas and to design and develop (integrated) governance arrangements to govern marine activities and to control their consequences. This will be done in close cooperation with partners within and outside AAU.

Job description

The professor will be head of the planned new IFM - Centre for Blue Governance at AAU. This entails forming the academic profile of the centre and establishing the centre as a leading entity internationally. Therefore, the successful applicant will have a proven track record of undertaking research on marine governance, especially (1) the institutionalization of traditional and innovative governance arrangements at the level of European regional seas, (2) in depth understanding of the governance dynamics of different maritime regime complexes and the changing role of states at sea, (3) in depth understanding of processes of eco dynamic development and design of marine infrastructural projects, and (4) in depth knowledge of transnational Marine Spatial Planning and the role of power, technology and knowledge in marine spatial planning processes. Applicants working on transnational and critical approaches of Marine Spatial Planning will be especially welcome. The successful applicant will have ample experience with attracting external funding and publishing at international level in this field.

Administration and Research Management

The professor, as head of the IFM - Centre of Blue Governance, will guide the members of this centre in terms of project funding strategies and attracting research funding. The successful applicant will therefore have experience with research management of a project entailing a supervisory capacity for multiple academics at different levels (e.g. PhD students, post docs). Furthermore, the successful applicant will demonstrate an ability to obtain external funding for his/her own research as a principal investigator as well as an ability to support the search for external funding for operating the IFM - Centre for Blue Governance. Applicants with knowledge and experience of EU funding and projects will be especially welcome.

Teaching and Supervision

As head of centre the professor will also have a role in developing courses and taking part in teaching related to the centre's activities. The applicant must therefore be a committed teacher with a proven track record of teaching and supervising at BA, MA and PhD levels. It will be considered an advantage if applicants have experience with problem-based learning which is Aalborg University's pedagogical model.

QUALIFICATIONS

It is presupposed that applicants can document a high degree of original scientific production at an international level, and can document having contributed considerably

to the development of the fields of marine governance, marine spatial planning processes and marine infrastructural projects (such as harbours; wind mill parks, etc.). Furthermore, applicants must account for their potential to further develop the domain of marine governance. Emphasis will be placed on the applicant's ability to perform research management and other management functions, provide pedagogical guidance as well as supervision and take part in academic assessments. Special emphasis will be placed on the potential of the applicant to undertake the specific projects related to this position, cf. job description. In terms of personal qualities, the applicant is expected to have strong interpersonal skills, and to be able to establish and maintain good relations with researchers in an international environment characterised by cultural diversity.

Additionally, the candidate should meet the following qualifications requirements:

- Having a PhD degree in a relevant social scientific discipline;
- Several years of experience in EU marine governance research
- Is acknowledged as an international expert in the field;
- Is a prominent member of international marine governance networks;
- Having a thorough understanding of processes of institutionalization of marine governance arrangements and Marine Spatial Planning processes;
- Has experience with attracting and working on externally funded research projects, such as EU Horizon2020;
- Experience with successful supervision of PhD and MSc students;
- Be able and willing to contribute to a multidisciplinary research environment;
- Ample teaching experience;
- Familiarity with problem-based learning;
- A solid list of peer-reviewed publications;
- Excellent English skills and willingness to learn Danish.

The application must contain the following:

- A motivated application;
- An up-dated curriculum vitae, with a complete list of publications;
- Copies (in English) of relevant diplomas (Master of Science and PhD);
- A list of publications that the applicant wishes to be considered. Up to 10 publications can be attached;
- Dissemination qualifications, including participation on committees or boards, participation in organisations, etc.;
- Additional qualifications in relation to the position;
- References/recommendations;
- Personal data.

The applications are only to be submitted online by using the "Apply online" button below. The application must be written in English.

CONTACT INFORMATION

For further information concerning the academic content of the position please contact Professor Jesper Raakjær, IFM email: jr@ifm.aau.dk; phone: +45 2440 7964

For further information concerning the application procedure please contact Nickie Kate Hermansen, EST-ST-HR@adm.aau.dk

Workplace

Aalborg

Agreement

Appointment and salary acc. to the agreement between the Ministry of Finance and the Danish Confederation of professional Associations (AC) on Academics in the State. Employment as Professor is in accordance with a classified position on scale 37. In addition, a pensionable increment will be given.

Deadline

10/01/2018

CV

Prof. Dr. Anna-Katharina Hornidge

Center for Development research
Department of Political and Cultural Change
University of Bonn

Degrees

2014: Post-doctoral Thesis (Habilitation): "Discourses of Knowledge. Normative, Factual, Hegemonic."

Faculty of Philosophy, University of Bonn

2007: Dr. phil. (Sociology), Technical University of Berlin

Thesis: "Knowledge Society - Vision and Social Construction of Reality in Singapore and Germany"

Supervisors: Prof. Dr. H. Knoblauch, Technical University Berlin; Prof. Dr. Tong Chee Kiong, National University of Singapore

01/2005 – 06/2005 National University of Singapore

2003: Diplom (M.A.) Regional Sciences of Southeast Asia, Economics, World Nutrition Studies, Indonesian, University of Bonn

Thesis: "Reshaping Singaporean Chinese Family Businesses: Succession, Conflict & Change"

Supervisors: Prof. Dr. S. Gerke, University of Bonn; Prof. Dr. Tong Chee Kiong, National University of Singapore

Research projects

Scientific Coordinator: "Crossroads Asia" (BMBF) www.crossroads-asia.de

Project Leader "Epistemic Cultures and Innovation Diffusion in post-soviet Southern Caucasus and Central Asia - Pilot Study: Agricultural Knowledge Systems in Georgia and Tajikistan" (BMBF) www.zef.de/1847.html

Project Leader "Cotton Agriculture in Kazakhstan and Uzbekistan" (Open Source Foundation) (11/2013 – 11/2014)

Project Leader "Contested Knowledge: Opportunities and Risks of Educational Development in Post-Conflict Situations" (Thyssen Foundation) (06/2012 – 09/2013)

Coordinator social science parts "Restructuring of Land and Water Use in Khorezm Region, Uzbekistan" (BMBF) www.khorezm.zef.de

Teaching

ZEF Interdisciplinary Doctoral Program (Module 'Transdisciplinary Research')

ZEFa Disciplinary Doctoral Program (Modules 'Knowledge in Development', 'Discourse Analysis', 'Institutions & Actors', 'Critical Data Analysis')

MA-Course „Society, Globalisation and Development“ (Module "Developing Societies"), Institute for Sociology, University of Bonn

MA-Course "Asian Studies" (Module “Knowledge Society and Knowledge Management under ongoing Globalization”) Institute of Southeast Asian Studies, University of Bonn

PhD-Student Supervision:

2014 ctd. Gerba Leta Dufera “Innovation Approach for enhanced biomass production”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research and the Faculty of Mathematics and Natural Sciences, University of Bonn, Supervisors: Prof. Dr. A.-K. Hornidge, Prof. K. van Assche & Prof. Dr. Ch. Borgemeister.

2014 ctd. Getachew Feye “Reducing food insecurity among family farming households in Ethiopia”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research and the Faculty of Mathematics and Natural Sciences, University of Bonn, Supervisors: Prof. Dr. A.-K. Hornidge, Prof. K. van Assche & Prof. Dr. Ch. Borgemeister.

2014 ctd. Lenny Martini “Knowledge Sharing in Creative City”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research and the Faculty of Philosophy, University of Bonn, Supervisor: Prof. Dr. A.-K. Hornidge.

2013 ctd. Hugo Rosa da Conceicao “Determinants of incentive-based forest governance in the Amazon: evidence from Brazil, Ecuador, Peru”, PhD-Student at the Department of Economic and Technological Change, Center for Development Research, University of Bonn, Supervisor: Prof. J. Börner & Prof. A.-K. Hornidge.

2013 ctd. Homa Maddah “The concept of ‘Development’ in Iran”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research, University of Bonn, Supervisor: Prof. Dr. A.-K. Hornidge.

2013 ctd. Isaac Mbeche Nyang’au “Strengthening innovation systems of biomass based value webs to improve food security East Africa - Case study of Push-pull technology”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research, University of Bonn, Supervisor: Prof. Dr. A.-K. Hornidge & Prof. Dr. Ch. Borgemeister.

2013 ctd. Petra Tiller “Re-Islamisation between State Influences and Global Muslim Networks”, PhD-Student at the Institute of Geography, University of Cologne, Supervisor: Prof. Dr. A.-K. Hornidge & Prof. B. Braun, Uni Köln.

2012 ctd. Maximiliano Vila Seoane „The relation between science, technology and innovation policies and sustainable development: The case of Argentina and Brazil”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research, University of Bonn, Supervisor: Prof. Dr. A.-K. Hornidge.

2011 ctd. Anna Schwachula „Scientific Cooperation as Instrument of Development Cooperation“, PhD-Student at the Department of Political and Cultural Change, Center for Development Research, University of Bonn, Supervisor: Prof. Dr. A.-K. Hornidge.

2011 ctd. Hendricus Andy Simarmata “Adapting to Climate Change: Community Planning for Urban Resilience (Case study: North Coastal of Jakarta)”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research, University of Bonn, Supervisor: Prof. D. A.-K. Hornidge & Prof. Dr. Ch. Antweiler.

2010 ctd. Andreas Mandler „Local Knowledge and Local Governance in Tajikistan”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research, University of Bonn, Supervisor: Prof. Dr. Conrad Schetter (BICC) & Prof. Dr. A.-K. Hornidge

2010 ctd. Anisiya Kudryavtseva “Water Allocation and Distribution in the Shovot-Kulovot Irrigation System, Khorezm Province, Uzbekistan”, PhD-Student at the Department of Political and Cultural Change, Center for Development Research and the Faculty of Philosophy, University of Bonn, Supervisors: Prof. Dr. C. Schetter & Prof. Dr. A.-K. Hornidge.

List of Publications

PD Dr. Anna-Katharina Hornidge (March 2015)

Publications

Books

- 2015 Hornidge, Anna-Katharina, Anastasiya Shtaltovna and Conrad Schetter (eds.) (2015, forthcoming): "Agricultural Knowledge and Knowledge Systems in Post-Soviet Societies." Bern: Peter Lang.
- van Assche, Kristof and Anna-Katharina Hornidge (2015): "Rural Development. Knowledge and Expertise in Governance." Wageningen: Wageningen Academic Publishers.
- 2012 Hornidge, Anna-Katharina and Christoph Antweiler (eds.) (2012): "Environmental Uncertainty and Local Knowledge. Southeast Asia as a Laboratory of Global Ecological Change." Bielefeld: Transcript Verlag.
- 2008 Gerke, Solvay, Hans-Dieter Evers and Anna-Katharina Hornidge (eds) (2008): "The Straits of Malacca - Knowledge and Diversity." Münster / Penang: Lit Verlag / Straits G.T..
- 2007 Hornidge, Anna-Katharina (2007): "Knowledge Society. Vision & Social Construction of Reality in Germany & Singapore." Münster: Lit-Verlag.

Journal Articles

- 2015 Feuer, Hart and Anna-Katharina Hornidge. (2015) "Higher Education Cooperation in ASEAN: Building Towards Integration or Manufacturing Consent?", Comparative Education Vol. 51 No. 3.
- Hornidge, Anna-Katharina, Kristof van Assche, Anastasiya Shtaltovna (2014, forthcoming) "Uzbekistan – A Region of World Society (?) Variants of Differentiation in Agricultural Resources Governance", **accepted by Soziale Systeme** (Special Issue edited by Rudolf Stichweh).
- 2014 Djalilov, Begzod M., Asia Khamzina, Anna-Katharina Hornidge, John P.A. Lamers, "Exploring constraints and incentives for on-farm adoption of agroforestry in degraded cropping areas in Uzbekistan", Journal of Environmental Planning and Management, doi 10.1080/09640568.2014.996283.

- Van Assche, Kristof, Nodir Djanibekov, Anna-Katharina Hornidge, Anastasiya Shtaltovna and Gert Jan Verschraegen (2014). "Rural development and the entwining of dependencies: Transition as evolving governance in Khorezm, Uzbekistan", Futures, 10.1016/j.futures.2014.08.006.
- Hornidge, Anna-Katharina. (2014): "Wissensdiskurse: Normativ, Faktisch, Hegemonial", Soziale Welt, 65, pp. 7-24.
- 2013 Hornidge, Anna-Katharina, Lisa Oberkircher, Anisiya Kudryavtseva (2013): "Boundary Management and the Discursive Sphere – Negotiating 'Realities' in Khorezm, Uzbekistan", Geoforum, 45, pp. 266–274.
- Turaeva-Höhne, Rano and Anna-Katharina Hornidge (2013): "From Knowledge Ecology to Innovation Systems: Innovations in the Sphere of Agriculture in Uzbekistan", Innovation: Management, Policy & Practice, 15: 2, pp. 183-193.
- Tischbein, Bernhard, Manschadi, Ahmad M., Conrad, Christopher, Hornidge, Anna-Katharina, Bhaduri, Anik, UI Hassan, Mehmood, Lamers, John P.A., Awan, Usman K., Vlek, Paul L.G. (2013): "Adapting to water scarcity: constraints and opportunities for improving irrigation management in Khorezm, Uzbekistan", Water Science & Technology: Water Supply, 13: 2, pp. 337–348.
- 2012 Shtaltovna, Anastasiya, Kristof Van Assche, Anna-Katharina Hornidge (2012): "Where did this debt come from? Organizational Change, Role Ambiguity and Development in Rural Khorezm, Uzbekistan", Internationales Asienforum, Vol. 43, No. 3–4, pp. 179- 197.
- Eichholz, Michael, Kristof van Assche, Lisa Oberkircher, Anna-Katharina Hornidge (2012): "Trading capitals? – Bourdieu, land and water in rural Uzbekistan", Journal of Environmental Planning and Management, 56: 6, pp. 1-25.
- Djanibekov, Nodir, Anna-Katharina Hornidge, Mehmood UI Hassan (2012): "From Joint Experimentation to Laissez-faire: Transdisciplinary Innovation Research for the Institutional Strengthening of a Water User Association in Khorezm, Uzbekistan", Journal of Agricultural Education and Extension, 18: 4, pp. 409-423.
- 2011 Hornidge, Anna-Katharina and Fabian Scholtes (2011): "Climate Change and Everyday Life in Toineke Village, West Timor – Uncertainties, Knowledge and Adaptation", Sociologus - Zeitschrift für empirische Ethnosoziologie und Ethnopsychologie / Journal of Empirical Social Anthropology, 61: 2, pp. 151-175.
- Hornidge, Anna-Katharina and Sandra Kurfürst (2011): "Conceptualizing Public Space in Hanoi and Singapore: The Power of State Visions", Internationales Asienforum, 42: 3-4, pp. 345-369.

- Oberkircher, Lisa/Hornidge, Anna-Katharina (2011): "Water is Life' - Farmer Rationales and Water-Saving in Khorezm, Uzbekistan: A Lifeworld Analysis", Rural Sociology 76: 3, pp. 394-421.
- Hornidge, Anna-Katharina, Lisa Oberkircher, Bernhard Tischbein, Gunther Schorcht, Anik Bhaduri, Usman K. Awan, Ahmad M. Manschadi (2011): „Reconceptualising Water Management in Khorezm, Uzbekistan“, Natural Resources Forum, 35: 4, pp. 251-268.
- Hornidge, Anna-Katharina (2011): "Creative Industries' – Economic Program and Boundary Concept", 2011. Journal of Southeast Asian Studies, 42: 2, pp. 253-279.
- Tischbein, Bernhard, Manschadi, Ahmad M., Hornidge, Anna-Katharina, Conrad, Christopher, Lamers, John P.A., Oberkircher, Lisa, Schorcht, Gunther, Vlek, Paul L.G. (2011): "Ansätze für eine effizientere Wassernutzung in der Provinz Khorezm, Usbekistan", Hydrologie und Wasserbewirtschaftung, 55: 2, pp. 116-125.
- Hornidge, Anna-Katharina, Mehmood Ul-Hassan and Peter P. Mollinga (2011): Transdisciplinary Innovation Research in Uzbekistan – 1 year of 'Following The Innovation'", Development in Practice, 21: 6, pp. 825-838.
- 2010 Hornidge, Anna-Katharina, Mehmood Ul-Hassan (2010): "From 'Plausible Promises' to Transdisciplinary Innovation Research in Uzbekistan – Process Outline and Lessons Learnt", Rural Development News, 2, pp. 53-63.
- Hornidge, Anna-Katharina (2010): "An Uncertain Future – Singapore's Search for a New Focal Point of Collective Identity and its Drive towards 'Knowledge Society'", Asian Journal of Social Sciences, 38: 5, pp. 785-818.
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SUMMARY CURRICULUM VITA

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Education: Bachelor of Arts with Distinction, University of Maine, Orono, Maine, 1966
Major in Sociology, Minor in Psychology

Master of Science, University of Maine, Orono, Maine, 1977
Major in Agricultural and Resource Economics

Doctor of Philosophy, Oregon State University, Corvallis, Oregon, 1981
Major in Agricultural and Resource Economics
Specialization in Natural Resource Economics and Fisheries Economics

Honors: Phi Beta Kappa, Phi Kappa Phi, Sigma Mu Sigma
IIFET Distinguished Service Award 2010

Recent Professional Activities:

- Science advisor to the Joint Ocean Commission Initiative (JOCI) (combined implementation effort of the US Comm. on Ocean Policy and the Pew Ocean Comm.)
- Advisory Committee, Marine Conservation Initiative, The Gordon and Betty Moore Foundation
- Scientific Committee of the 2010 Conference of the International Institute for Fisheries Economics and Trade (IIFET). Montpelier, France
- Science Advisory Board, National Oceanic and Atmospheric Administration (Executive Committee)
- Social Science Working Group, Science Advisory Board, National Oceanic and Atmospheric Administration (Chair)
- Scientific and Technical Advisory Committee (STAC), Oregon Ocean Policy Advisory Council (OPAC)
- Review Committee, Socioeconomic Research and Monitoring Plan for Oregon Marine Reserves prepared by the Oregon Department of Fish and Wildlife Marine Resources Program (Chair)
- OPAC STAC Technical Workshop on Economic Data and Analysis of Marine Reserves, Hatfield Marine Science Center, 21-22 October 2008
- Board of Directors, Seafood Consumer Center, Oregon State University
- Ad Hoc Groundfish Trawl Individual Quota Independent Experts Panel, Pacific Fishery Management Council (Chair)
- Independent Science Advisory Board, National Marine Fisheries Service, Northwest Power and Conservation Council, and Columbia River Intertribal Fisheries Commission (Executive Committee)
- Independent Economic Analysis Board, Northwest Power and Conservation Council
- Science Advisory Panel, U.S. Commission on Ocean Policy
- Scientific and Statistical Committee, Pacific Fishery Management Council (Chair, Economics Subcommittee)

- Board of Trustees, Fishery Management Institute, North Sea Centre, Hirtshals, Denmark
- Social Science Review Panel, Science Advisory Board, National Oceanic and Atmospheric Administration (Chair)
- Marine Fisheries Advisory Committee, National Oceanic and Atmospheric Administration, U.S. Department of Commerce (Executive Committee)
- Ocean Studies Board, National Research Council, National Academy of Sciences (Executive Committee)
- Research Program Director (Managing U.S. Marine Fisheries), The H. John Heinz Center for Science, Economics and the Environment
- Committee to Review Individual Quotas in Fisheries, National Research Council, National Academy of Sciences
- Committee on Science and Policy for the Coastal Ocean, Ocean Studies Board, National Research Council, National Academy of Sciences
- Committee on Protection and Management of Pacific Northwest Anadromous Salmonids, National Research Council
- Research Program Director (Property Rights and Natural Resources), Beijer International Institute of Ecological Economics, The Royal Swedish Academy of Sciences, Stockholm, Sweden
- Outer Continental Shelf Advisory Board Scientific Committee, Minerals Management Service, U.S. Department of the Interior (Chair)
- Editorial Board, *International Journal of the Commons*
- Editorial Board, *Ecosystems*
- Editorial Board, *Ecological Economics*
- Associate Editor, *Society and Natural Resources*
- Associate Editor, *North American Journal of Fishery Management*

Marine Stewardship Council Assessment Activities:

- Bering Sea/Aleutian Islands and Gulf of Alaska Pollock, assessment team
- Bering Sea/Aleutian Islands and Gulf of Alaska Pacific Cod, assessment team
- Bering Sea/Aleutian Islands and Gulf of Alaska Flatfish, assessment team
- Fogo Island Cold Water Shrimp, certification report reviewer
- Oregon Dungeness Crab, assessment team
- Oregon Pink Shrimp, certification report reviewer, re-certification assessment team
- West Coast Groundfish Trawl, assessment team

Research Areas:

Marine economics and policy, incentive-based management, management under uncertainty, economics of ecosystem-based fishery management, institutional evolution in U.S. fisheries management, economic performance of resource management institutions, economics of property rights, economics of access limitation.

Selected Publications Since 2000:

Hanna, S. 2011. Economics in the Service of Fisheries Policy and Practice. *Marine Resource Economics*, Vol. 26, pp. 87–94.

Hanna, S. 2011. Property rights and biodiversity. Chapter 269 in S. Levin, Ed. *Encyclopedia of Biodiversity Second Edition, Volume 5*. Amsterdam: Elsevier Press.

- Hanna, S. 2011. Institutions for managing resilient salmon (*Oncorhynchus* Spp.) ecosystems: the role of incentives and transactions costs. Pp. 319-339 in D.L. Bottom, K.K. Jones, C.A. Simenstad, C. L. Smith and R. Cooper, eds. *Pathways to Resilience: Sustaining Salmon Ecosystems in a Changing World*. Corvallis, OR: Oregon Sea Grant.
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- Hanna, S. 2002. Educating US fishery managers and policy makers: the problem of incentives. In *Proceedings of the Conference of the International Institute of Fisheries Economics and Trade*, Wellington, New Zealand, 19-22 August.
- Hanna, S. 2002. The economics of fishery management: behavioral incentives and management costs. In Pew Oceans Commission. 2002. *Managing Marine Fisheries in the United States*. Proceedings of the Pew Oceans Commission Workshop on Marine Fishery Management, Seattle, Washington, 18-19, July 2001. Pew Oceans Commission, Arlington, Virginia.
- Hanna, S. 2002. Transition in the American fishing commons: management problems and institutional design challenges. Pp. 151-173 in N. Dolšak And E. Ostrom. eds. *The Commons at the Millennium*. Cambridge: MIT Press.
- Hanna, S. 2001. Managing the human-ecological interface: marine resources as example and laboratory. *Ecosystems*, 4(8):736-741.
- Hanna, S. 2001. More than meets the eye: the transactions costs of litigation. *Ocean and Coastal Law Journal* 7(1).
- Hanna, S. 2000. Property rights and biodiversity. In S. Levin, Ed. *Encyclopedia of Biodiversity Volume 4*, San Diego: Academic Press.
- Hanna, S. and M. Hall-Arber, eds. 2000. *Change and Resilience in Fishing*. Oregon Sea Grant, Oregon State University. Hanna, S. 2000. Change and resilience in New England and Pacific groundfish fisheries. Chapter 1 in S. Hanna and M. Hall-Arber, eds. *Change and Resilience in Fisheries: Experiences from New England and the Pacific*, Oregon Sea Grant, Oregon State University.
- Heinz Center for Science, Economics and the Environment. 2000. (authors: S. Hanna, H. Blough, R. Allen, S. Iudicello, G. Matlock, B. McCay). *Fishing Grounds: Defining a New Era for American Fishery Management*. Washington, D.C., Island Press.
- Hanna, S. 2000. Institutional redesign for Pacific Northwest salmon ecosystems. Pp.77-90 in P. Koss and M. Katz, eds., *What We Don't Know About Pacific Northwest Fish Runs: An Inquiry Into Decision-Making Under Uncertainty*, Proceedings of the Portland State University Salmon Symposium, Portland, Oregon, July 7-8, 2000.

Hanna, S. 2000. Book Review: McCay, B.J. 1998. *Oyster Wars and the Public Trust: Property, Law and Ecology in New Jersey History*. Tucson, AZ: University of Arizona Press. In *Ecological Economics* 34(1):160-161.

Hanna, S. 2000. Property rights and marine ecosystems. In *Proceedings of the UN Conference on the Ecosystem Approach for Sustainable Use of Biological Diversity*, Trondheim Norway, 6-10 September, 1999

Hanna, S. and H. Blough. 2000. *Implementing and reauthorizing the Magnuson-Stevens Fishery Conservation and Management Act: A National Synthesis*. Washington, D.C.: The H. John Heinz III Center for Science, Economics and the Environment.

Selected Presentations Since 2000

Invited presentation "Reforming U.S. Fishery Management" at the symposium on EU Common Fishery Policy Reforms, Aalborg University, Aalborg, Denmark, 5-6 May 2011.

Invited presentation "Fishery and Ocean Policy: Where We Are, How We Got Here, and What It Means for COMES" at the meeting of the Board of Directors, Coastal Oregon Marine Experiment Station (COMES), Astoria, Oregon, 4 November 2010.

Invited plenary presentation "Economics in the Service of Fisheries Policy and Practice" at the 2010 Conference of the International Institute of Fisheries Economics and Trade, Montpellier, France, 12-17 July 2010.

Invited presentation "Climate Change Effects on Capture Fisheries: Economic and Policy Issues," at the OECD Workshop on the Economics of Adapting Fisheries to Climate Change, 10-11 June 2010, Busan, Korea.

Invited introduction to plenary session "Co-evolution of Hatcheries, Economics, Property Rights and Management" at the 2010 State of the Salmon Conference Ecological Interactions between Wild and Hatchery Salmon, Portland, Oregon, 5-7 May 2010.

Invited plenary presentation "East and West: The Path Ahead for Social Science Data," at the Northeast Regional Social Science Symposium, University of New Hampshire, Durham, 12 April 2010

Invited presentation "Understanding the Economic Impacts of Marine Reserves" at the Heceta Head Coastal Conference, Florence Oregon, 24 October 2009.

Invited presentation "The Economic Contribution and Economic Potential of U.S Fisheries" at Capitol Hill Ocean Week: The Blue Economy: Understanding the Ocean's Role in the Nation's Future, Washington, D.C., 9-11 June 2009.

Presentation "Report of the STAC Technical Workshop on Economic Data and Analysis of Marine Reserves" to the Ocean Policy Advisory Council, 6 June 2009.

Invited presentation: "Managing the Transition: Distributional Issues of Stock Rebuilding," at the OECD Workshop on the Economics of Rebuilding Fisheries, Newport, Rhode Island, 21-22 May 2009.

Presentation "Path Dependence, Lock-in and Climate Change in U.S. Fishery Management" at the North American Association of Fisheries Economists Forum, Newport, Rhode Island, 17-20 May 2009.

Invited plenary address: "Marine Ecosystem Management and Governance: The Challenges of Implementation" at The Oceans and Coastal Areas Conference, Asker, Norway, April 28-30, 2009.

Presentation "Report of the Social Science Working Group on Social Science within NOAA" to the NOAA Science Advisory Board, 10 March 2009.

Invited lecture, "Economic Theory in Fisheries", University of Tromsø, Tromsø, Norway, November 12, 2008.

Invited lecture "Oregon Marine Fisheries on the Threshold of Change" to the Academy for Lifelong Learning, Corvallis, OR, October 28, 2008.

Presentation "Climate Change and Fishery Governance in the Pacific Northwest US: The Case of Columbia River Basin Salmon," presented at the conference of the International Institute of Fisheries Economics and Trade (IIFET), Nha Trang, Vietnam, 22-25 July 2008.

Presentation "Population Growth, Climate Change and Fish Habitat in the Columbia River Basin" at the annual conference of the Western Division American Fisheries Society, Portland, OR, May 5, 2008.

Invited lecture "Evolving Forms of Rights-Based Management in Developed Fisheries" University of Tromsø, Tromsø, Norway, April 2008.

Invited seminar "Rights-Based Management under the Magnuson-Stevens Fishery Conservation and Management Act" to Marine Resource Management Program, Oregon State University, February 2008.

Invited presentation "New Roles for SSCs: Perspectives from the Old Regime" at the National Marine Fisheries Service (NMFS) Workshop on the Magnuson-Stevens Reauthorization Act (MSRA) "Working Together on Implementation," Washington, D.C., Sept. 23-27 2007.

Invited lecture "Managing Fishing on the Last Frontier: How Did We Get Here?" University of Tromsø, Tromsø, Norway, October 2007.

Invited presentation "Economic Incentive Strategies to Protect Fish Habitat" given to the Northwest Power and Conservation Council Science-Policy Exchange, Portland State University, September 12 & 13, 2007.

Invited presentation "Social Science Issues for Ecosystem-Based Fishery Management" at the Policy Workshop on Ecosystem Management, Western Pacific Fishery Management Council. January 2007.

- Invited presentation "Matching Property Rights With Fishery Context: Avoiding Excessive Mongrelization," at the workshop Property Rights and Fisheries, sponsored by the National Center for Ecological Analysis and Synthesis and Environmental Defense, Santa Barbara California. January 2007.
- Invited presentation "Sustaining Salmon Fisheries: the Challenge of Collaborative Management" to the Symposium on the Sustainability of Arctic-Yukon-Kuskokwim (AYK) Salmon Fisheries in Anchorage, Alaska. January 2007.
- Invited presentation "Social Science Needs for Oregon's Ocean" at the 2006 Oregon Ocean Conference, Florence, Oregon. October 2006.
- Invited presentation "Evolution of Property Rights: Lessons of Process and Potential for Pacific Northwest Recreational Fisheries," to the Political Economy Forum Evolving Approaches to Managing Marine Recreational Fisheries, sponsored by Environmental Defense and the Property and Environment research Center, Montana State University. Bozeman, MT October 2006.
- Presentation: "Integrating Fishing Communities into Fishery Management: The Influential Economics of Organization," at the 2006 conference of the International Institute of Fisheries Economics and Trade (IIFET), Portsmouth, U.K. July 2006.
- Invited plenary session conference overview on fishery allocation to the international (FAO/Australia Ministry of Fisheries) conference Sharing the Fish: Allocation Issues in Fisheries Management, in Freemantle Perth, Australia. February 2006.
- Invited presentation "Economics of Organization and Ecosystem Management" to the Workshop on Social Science for Ecosystem Management, Western Pacific Fishery Management Council, Honolulu, Hawaii, January 2006.
- Invited presentation "Implementing Effective Regional Ocean Governance: Perspectives from Economics" to the 2005 Duke Environmental Law and Policy Forum Regional Ocean Councils: Solution of Superfluous?, October 2005.
- Invited briefing of Congressional staff "Effective Design of ITQs: NRC Recommendations and Implementation Experience" to the U.S. Congress Ocean Caucus IFQ Briefing, Washington, DC October 05.
- Invited presentation "Community Fisheries Rights and Management: Origins, Structure, Benefits, Costs and Incentives" to the workshop Community Fishing Rights, sponsored by the Centre for Fisheries and Aquaculture Management and Economics at the University of Southern Denmark, Esbjerg, Denmark, August 2005.
- Presentation "Integrating Fishing Communities into Fishery Management: The Influential Economics of Organization" at the 2006 conference of the International Institute of Fisheries Economics and Trade (IIFET), Portsmouth, U.K, July 2006.
- Presentation "The Changing Landscape of Pacific Fisheries" to the Sea Grant workshop Pacific Coast Marine Fisheries Extension: Integrating Human Dimensions Into Our Work, Astoria, Oregon, July 2005.

Briefing to the Oregon Ocean Policy Advisory Council (OPAC): "Reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act: National Issues and Implications for Oregon," June 2005.

Presentation "Individual Fishing Quotas: Would They Work for the Oregon Sardine Fishery?" to the CSI 3rd Annual Sardine Symposium, Astoria, Oregon, May 2005.

Invited presentation "Will Structural Reform Help the Regional Fishery Management Councils?" to the Florida State University Fifth Mote International Symposium in Fisheries Ecology: The Good, the Bad and the Ugly: Integrating Marine and Human Ecology into Fisheries Management, Sarasota, Florida, November 2004.

Invited presentation "Training Regional Fishery Management Council Members: Development of a National Strategy" to the Workshop for Members of the Regional Fishery Management Councils: Current Issues in Implementing the Magnuson-Stevens Fishery Conservation and Management Act, Baltimore, Maryland, October 2004. Invited keynote address "Boundary Shifts in Marine Governance: The Challenge of Integration" to the conference of the International Society for Ecological Economics, Montreal, Canada, July 2004.

Invited keynote address "Institutional Evolution in Coastal Zones: Historical Paths And Contemporary Redirection." to the Conference on Property Rights in Coastal Zones, Stockholm, Sweden, June 2003.

Invited presentation "Making Ecosystem Management Operational: The US Regional Experience" at the Workshop on Ecosystem Management for the Baltic Sea, Sweden Commission for the Marine Environment, Vaxholm, Sweden April 2003.

Invited presentation "Improving Effectiveness of the Regional Fishery Management Councils" at the Workshop on Improving Regional Ocean Governance in the United States, Washington, DC, December 2002.

Presentation "Educating US Fishery Managers and Policy Makers: The Problem of Incentives" to the conference of the International Institute of Fisheries Economics and Trade, Wellington, New Zealand, August 2002.

Testimony to the U.S. Commission on Ocean Policy, Seattle, Washington: "Economic Investments to Improve Fisheries Management" June 2002.

Invited keynote presentation "Tradition and Globalization: Common Property in Theory and Practice .The Example of Biodiversity Protection in Fisheries" to the first Pacific Regional Meeting of the International Association for the Study of Common Property (IASCP), Brisbane, Australia, September 2001.

Invited presentation "More Than Meets the Eye: Transactions Costs of Litigation" to the Symposium on the Costs and Benefits of Litigation in Fisheries, at the Annual Conference of the American Fisheries Society, Phoenix, Arizona, August 2001.

Invited presentation "Economic Issues of Fishery Management Performance." to the Pew Oceans Commission Workshop Improving Fishery Management, Seattle, Washington, July 2001.

Invited presentation "Building Long-Term Management Capacity in the Seafood Industry: Challenges and Opportunities" to the annual conference of the New Zealand Seafood Industry Council, Invercargill, New Zealand, May 2001.

Invited presentation "Marine Protected Areas: Economic Issues" to the Oregon Ocean Policy Advisory Council, Newport Oregon: October 2000.

Invited presentation "The Construction and Destruction of Boundaries in American Fishery Policy" to the 8th International Symposium on Society and Resource Management, Bellingham, Washington, June 2000.

Presentation "Transition in the American Fishing Commons" to the conference of the International Association for the Study of Common Property, Bloomington, Indiana, May 2000.

Invited presentation "Property Rights Regimes for Marine Ecosystems: Designing the Right Incentives" to the workshop Human Dimensions of Large Marine Ecosystems, Woods Hole, MA: February 2000.

July 2011

**Fortegnelse over bedømmelsesudvalg til
stilling 42246 Associate Professorships in Computer Science ved Department of Computer Science**

Navn: Associate Professor Rene Rydhof Hansen
Arbejdssted: Department of Computer Science, AAU
E-mail: rrh@cs.aau.dk

Navn: Associate Professor Peter Dolog
Arbejdssted: Department of Computer Science, AAU
E-mail: dolog@cs.aau.dk

Navn: Associate Professor Troels Andreassen
Arbejdssted: Roskilde University
E-mail: troels@ruc.dk

Navn: Professor emeritus Mogens Nielsen
Arbejdssted: Department of Computer Science, AU
E-mail: mn@cs.au.dk

Navn: Associate Professor Lone Malmberg
Arbejdssted: Digital Design Department, IT University
E-mail: malmberg@itu.dk

Akademisk Råd har taget stilling til, at medlemmer af bedømmelsesudvalget er sagkyndige inden for stillingsområdet på et niveau, der mindst svarer til det, der forudsættes for stillingen, dog ikke under lektorniveau.

MN er medtaget trods status som emeritus grundet sin store ekspertise inden for feltet og dækning af fagområdet i et bredt opslag.

Associate Professorships in Computer Science

Position No.

42246

At the Technical Faculty of IT and Design, Department of Computer Science several Associate Professorships in Computer Science are open for appointment from August 1, 2018 or soon hereafter.

Department of Computer Science is a department with many coherent activities within research, education, technology, development and co-operation with the surrounding society, and research dissemination within the computer science area. The departments research approach ranges from formal logic, over experimental construction to empirical description. The research in the department has computers, programming, as well as software- and computer systems as its field. The department offers a broad range of computer science educations at all levels as well as continued professional development.

Job description

Research areas will be within;

Database, Programming and Web technologies with emphasis on data-intensive systems and platforms, spatio-temporal data management, data analytics and mining, application of machine learning, programming technologies, web science and engineering, personalization, and user modelling. <http://www.cs.aau.dk/research/database-programming-and-web-technologies/>

Distributed, Embedded and Intelligent Systems with particular emphasis on foundational and logical theories, algorithms and tools for verification and validation, methodologies for real-time and embedded systems, networks and operating systems, probabilistic graphical models, and machine learning. <http://www.cs.aau.dk/research/distributed-embedded-intelligent-systems/>

Human-Centered Computing - with particular emphasis on the design, development, and use of interactive computer systems from a human-centered perspective, including software development, digitalisation, human-computer interaction, interaction design, user experience, and innovation. <http://www.cs.aau.dk/research/human-centered-computing>

Teaching will primarily be in the Computer Science Department's educations, but also in other study programmes at the University.

You may obtain further professional information from Head of Department Kristian G. Olesen, +45 9940 8852, kgo@cs.aau.dk.

Qualification requirements:

The level of qualification for Associate Professors shall correspond to the level, which can be achieved on the basis of the appointment as Assistant Professor, but may be achievable in other ways. The appointment presupposes that the applicant can demonstrate original scientific production at an international level as well as documented teaching qualifications. Appointment to the position requires that both research and teaching qualifications are at the requested level. The two qualifications will be given equal and principal priority in the overall assessment.

The application must contain the following:

- A motivated text wherein the reasons for applying, qualifications in relation to the position, and intentions and visions for the position are stated.
- A current curriculum vitae.
- Copies of relevant diplomas (Master of Science and PhD). On request you could be asked for an official English translation.
- Scientific qualifications. A complete list of publications must be attached with an indication of the works the applicant wishes to be considered. You may attach up to 10 publications.
- Teaching qualifications described in the teaching portfolio. If this is not enclosed the applicant must include an explanation for its absence.
- Dissemination qualifications, including participation on committees or boards, participation in organisations and the like.
- Additional qualifications in relation to the position.
- References/recommendations.
- Personal data.

The applications are only to be submitted online by using the "Apply online" button below. An assessment committee will assess all candidates.

For further information concerning the application procedure please contact Anne Christoffersen by mail ach@adm.aau.dk or phone (+45) 9940 7902.

Information regarding guidelines, ministerial circular in force, teaching portfolio and procedures can be seen [here](#) (TECH)

Workplace

Aalborg

Agreement

Employment is in accordance with the Ministerial Order on the Appointment of Academic Staff at Universities (the Appointment Order) and the Ministry of Finance's current Job Structure for Academic Staff at Universities. Employment and salary are in accordance with the collective agreement for state-employed academics.

Deadline

15/01/2018

Aalborg University (AAU) conducts teaching and research to the highest level in the fields of humanities, engineering, and natural, health, and social sciences.

CV (short research) - Troels Andreasen, December 2017

Academic degrees

- 1991 Ph.D Degree in Computer Science from University of Copenhagen, Thesis
Semantic Information in Databases
- 1985 M.Sc. Degree in Computer Science and Mathematics from
University of Copenhagen

Appointment

- 1995- present: Associate Professor, Roskilde University, Denmark
- 1991-1995: Assistant Professor, Roskilde University, Denmark
- 1988-1991: PhD scholarship, University of Copenhagen, Denmark
- 1986-1987: Lecturer, Roskilde University, Roskilde, Denmark
- 1984-1987: System Designer (large scale distribution system), Forbrugerkontakt
a/s
- 1978-1983: System Consultant/Developer
(Database Design and System Development), Christian Rovsing a/s,

Departmental, Faculty and University activities (Roskilde)

- 2003-2007: Head of Computer Science Section, Roskilde University.

Selected Research Grants and Collaboration contracts (leadership)

All projects listed below Troels Andreasen has been responsible project leader.

- 2013-2016: Experimental Museum Exhibition Design. Part of Strategic Research Initiative Designing Human Technologies, Roskilde University, Value 650.000 dKr.
- 2007-2012: Semantic Information Access through Biomedical Ontologies (SIABO). On grant from: NABIIT/Danish Strategic Research Council Value 5.085.802 DKK, total budget 9.341.002 DKK (including 1.158.000 DKK from Novo Nordisk a/s).
- 1999-2007: OntoQuery: Ontology-based Querying. Grant: Technical Research Council (STVF) Value. 6.900.000 dKr,
- 2002-2007: OntoQuery: Ontology-based Querying. Grant: Technical Research Council (STVF) Value. 933.000 dKr,
- 1996-1996: ISS3: Intelligent Search Systems 3. Grant: Natural Science Research Council (SNF) Value. 348.000 dKr
- 1997-1997: ISS4: Intelligent Search Systems 4. Grant: Natural Science Research Council (SNF) Value. 432.000 dKr,
- 1998-1998: RUB: Library Search, On contract with: Roskilde University Library, Value. 30.000 dKr,
- 1997-1997: BookHouse: A visual library system, On contract with: Royal School of Library Value. 100.000 dKr,
- 1996-2006: Flexible Search in DanBib: Project. On contract from: Danish Library Centre Value: 600.000 dKr,

Other qualifications

Co-founder and Steering Committee member of FQAS Flexible Query-Answering Systems conference series, General or program chair for Flexible Query-Answering Systems, FQAS'1994, FQAS'1996, FQAS'2002, FQAS'2004, FQAS'2009, FQAS'2015, FQAS'2021. Steering Committee member of the ISMIS International Symposium on Methodologies for Intelligent Systems conference series
Conference chair for ISMIS 2014: 21st International Symposium on Methodologies for Intelligent Systems
Editor for Journal of Intelligent Information Systems.
Reviewer for international research councils. Reviewer for international Journals.
Frequent memberships of international program committees and International Advisory Boards.

Research education - PhD students

- Dan Rasmussen: SummarySQL - a General Purpose Fuzzy Query Language, 1997
Henrik Bulskov: Ontology-based Information Retrieval, 2006
Rasmus Knappe: *Measures of Semantic Similarity for use in Ontology-based Information Retrieval*, 2006
Thomas Terney: *The combined usage of ontologies and statistics in Information Retrieval*, 2009
Tine Lassen: *Uncovering Prepositional Senses*, 2010
Sine Zambach: *Regulatory Relations Represented in Logics and Biomedical Texts*, 2012
Hee Holmen: *Cyber Comix Framework*, Ongoing, 2018
Maja Fagerberg Ranten: *Designing artistic interactive systems*, Ongoing, 2020

Publications - Troels Andreassen, December 2017

All publications listed below are peer-reviewed.

- T. Andreassen, M.H. Pedersen, A.K. Bloch: Det marinarkæologiske Eksperimentarie: Oplevelser, Design, Inddragelse. Oplevelsesbaseret innovation og forretningsudvikling. Teorier, case-analyser, metoder. ExCite, . red. / Jens F. Jensen. EXCITE - Aalborg Universitetsforlag, 2018.
- T. Andreassen, H. Bulskov, P. Anker Jensen, J. Fischer Nilsson: Natural Logic, Graphs and Knowledge Representation. Data & Knowledge Engineering (to appear), Elsevier 2018.
- T. Andreassen, H. Bulskov, P. Anker Jensen, J. Fischer Nilsson: Querying Natural Logic Knowledge Bases, KEOD 2017.
- H. Christiansen, H. Jaudoin, P.C. Chountas, T. Andreassen, H.L. Larsen (Eds.): Flexible Query Answering Systems : 12th International Conference, FQAS 2017, London, UK, June 21-22, 2017. Proceedings. Lecture notes in artificial intelligence, Vol. 10333. Springer, 2017.
- T. Andreassen, H. Bulskov, P. Anker Jensen, J. Fischer Nilsson: Pathway Computation in Models Derived from Bio-Science Text Sources. ISMIS 2017: 424-434
- T. Andreassen, H. Bulskov, J. Fischer Nilsson, P. Anker Jensen: A Natural Logic for Natural-Language Knowledge Bases. Partiality and Underspecification in Information, Languages, and Knowledge. red. / Henning Christiansen; M. Dolores Jiménez López; Roussanka Loukanova; Larry Moss. Cambridge Scholars Publishing, 2017.
- T. Andreassen, H. Bulskov, J. Fischer Nilsson, P. Anker Jensen: On the Relationship between a Computational Natural Logic and Natural Language, ICAART 2016, Rome, Italien, 2016.
- T. Andreassen, H. Bulskov, J. Fischer Nilsson, P. Anker Jensen: A System for Conceptual Pathway Finding and Deductive Querying. 2015. FQAS, Krakov, Polen, Lecture Notes in Artificial Intelligence, Springer, 2015.
- T. Andreassen, H. Christiansen, J. Kacprzyk, H.L. Larsen, G. Pasi, O. Pivert, G. De Tré, M.A. Vila, A. Yazici, S. Zadrozny: Flexible Query Answering Systems 2015 : Proceedings of the 11th International Conference FQAS 2015, Cracow, Poland, October 26-28, 2015. Advances in Intelligent Systems and Computing, Vol. 4000. Springer, 2015.
- T. Andreassen, H. Christiansen, M. Kæmsgaard: Ontology-Based Role Association Networks for Visualizing Trends in Political Debate. Modeling and Using Context: 9th International and Interdisciplinary Conference, CONTEXT 2015, Lanarca, Cyprus,

November 2-6,2015. Proceedings. red. / Lecture notes in artificial intelligence. Springer, 2015.

- T. Andreasen, H. Christiansen, C.T. Have: Tracing Shifts in Emotions in Streaming Social Network Data. Foundations of Intelligent Systems: 22nd International Symposium, ISMIS 2015, Lyon, France, October 21-23, 2015, Proceedings. Red. s. 280-289. Lecture Notes in Computer Science, Vol. 9384, Springer, 2015.
- T. Andreasen, J. Fischer Nilsson: A Case for Embedded Natural Logic for Ontological Knowledge Bases. KEOD 2014: 423-427
- T. Andreasen, H. Bulskov, J. Fischer Nilsson, P. Anker Jensen: Computing Pathways in Bio-Models Derived from Bio-Science Text Sources, In proc. IWBBIO International Work-Conference on Bioinformatics and Biomedical Engineering, 2014
- T. Andreasen, H. Bulskov, J. Fischer Nilsson, P. Anker Jensen: A System for Computing Conceptual Pathways in Bio-Medical Text Models, In: Foundations of Intelligent Systems ISMIS 2014, Roskilde, Denmark, June 25-27, Proceedings, 2014
- T.Andreasen, H. Christiansen, J.C. Cubero, Z.W. Ras Foundations of Intelligent Systems, Lecture Notes in Artificial Intelligence, 2014.
- Troels Andreasen, Niels Christian Juul, and Mads Rosendahl: Designing Software Based Interactive Installations, in *Situated Design Methods*, MIT Press, (to appear), 2014
- Troels Andreasen, Henrik Bulskov: Summarization by domain ontology navigation, International Journal of Intelligent Systems, 2013
- Troels Andreasen, Jørgen Fischer Nilsson, Henrik Bulskov, Per Anker Jensen, Tine Lassen: Conceptual Pathway Querying of Natural Logic Knowledge Bases from Text Bases, Flexible Query Answering Systems, 10th International Conference, FQAS 2013, Granada, Spain, Lecture Notes in Artificial Intelligence, pp 1-12, 2013.
- Henrik Legind Larsen, Maria J. Martín-Bautista, María Amparo Vila, Troels Andreasen, Henning Christiansen (Eds.): Flexible Query Answering Systems - 10th International Conference, FQAS 2013, Granada, Spain, September 18-20, 2013. Proceedings. Lecture Notes in Computer Science 8132, ISBN 978-3-642-40768-0, Springer 2013
- Troels Andreasen, Henning Christiansen, Christian Theil Have: Querying Sentiment Development over Time. 10th International Conference, FQAS 2013, Granada, Spain, Lecture Notes in Artificial Intelligence, pp 613-624, 2013
- Nicolas Padfield, Troels Andreasen: Framework for Modelling Multiple Input Complex Aggregations for Interactive Installations, ThinkMind AMBIENT 2012, The Second International Conference on Ambient Computing, Applications, Services and Technologies, 2012
- Troels Andreasen, John P. Gallagher, Nikolaj Møbius and Nicolas Padfield, The Experience Cylinder, an immersive interactive platform: The Sea Stallion's voyage: a case study, AMBIENT 2011, The First International Conference on Ambient Computing, Applications, Services and Technologies. Emonet, R. & Florea, A. M. (red.), 2011
- Troels Andreasen, Henrik Bulskov, Per Anker Jensen, Tine Lassen: The OntoGram-Approach to Text Processing and Semantic Relation Spotting for Indexing. The 8th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD), pp 1840-1846, Shanghai, China, 2011.
- Henning Christiansen, Guy De Tré, Adnan Yazici, Slawomir Zadrozny, Troels Andreasen, Henrik Legind Larsen: Flexible Query Answering Systems, 9th International

Conference, FQAS 2011, Ghent, Belgium, October 26-28, 2011. Lecture Notes in Artificial Intelligence, 2011.

- T. Andreasen, H. Bulskov, P.A. Jensen, T. Lassen, B.N. Madsen, J.F. Nilsson, H.E. Thomsen, S. Zambach. A Semantics-Based Approach to Retrieving Biomedical Information. In FQAS2011. Lecture Notes in Computer Science, Nr. 7022, 2011, s. 108-118, 2011.
- Troels Andreasen, Henrik Bulskov, Per Anker Jensen, Tine Lassen: Extracting Conceptual Feature Structures from Text. In Lecture Notes in Artificial Intelligence, ISMIS 2011, M. Kryszkiewicz et al. (Eds.): ISMIS 2011, LNAI 6804, pp. 396--406. Springer, Heidelberg 2011.
- Troels Andreasen, Henrik Bulskov: An approach to summarization through domain ontologies, WCONSC 2011 - World Conference on Soft Computing, San Fransisco, 2011.
- Troels Andreasen, Ronald R. Yager, Henrik Bulskov, Henning Christiansen, Henrik Legind Larsen: Flexible Query Answering Systems, 8th International Conference, FQAS 2009, Roskilde, Denmark, October 26-28, 2009. Proceedings Springer 676 s. (Lecture Notes in Computer Science; 5822), 2009.
- Troels Andreasen, Henrik Bulskov, Per Anker Jensen, Tine Lassen: Conceptual Indexing of Text Using Ontologies and Lexical Resources. FQAS 2009: 323-332
- Henrik Bulskov, Troels Andreasen: On Conceptual Indexing for Data Summarization. IFSA/EUSFLAT Conf. 2009: 1618-1624 Proceedings of the Joint 2009 International Fuzzy Systems Association World Congress and 2009 European Society of Fuzzy Logic and Technology Conference. red. / J. P. Carvalho ; D. Dubois ; U. Kaymak ; M. C. Sousa. European Society for Fuzzy Logic and Technology, 2009. s. 1618-1625.
- T. Andreasen, H. Bulskov, T. Lassen, S. Zambach, B.N. Madsen, H.E. Thomsen, P.A. Jensen, J.F. Nilsson, and B.A. Szymczak. SIABO - Semantic Information Access through Biomedical Ontologies. In KEOD 2009: 1st International Conference on Knowledge Engineering and Ontology Development. red. / Jan L. G. Dietz. Institute for Systems and Technologies of Information, Control and Communication, s. 171-176., 2009.
- Troels Andreasen, Henrik Bulskov: Conceptual querying through ontologies. Fuzzy Sets and Systems 160(15): 2159-2172 (2009)
- H. Bulskov and T. Andreasen. Text summarization using ontologies, in Mihail Popescu and Dong Xu: Data mining applications using ontologies in biomedicine, Artech House, Norwood, MA : Artech House, 2009. s. 163-182.
- T. Andreasen, H. Bulskov, On deriving matching ontologies and user profiles to meet user preferences, Advances in Data Management, Springer Studies in Computational Intelligence, 2009. I: Advances in Data Management. Vol. 223/2009 Springer, 2009. s. 67-87 (Studies in Computational Intelligence).
- T. Andreasen, H. Bulskov and T.V. Terney, "Ontological Summaries through Hierarchical Clustering", Lecture Notes in Artificial Intelligence, International Symposium on Methodologies for Intelligent Systems, ISMIS 2008, Toronto, Canada, Lecture Notes in Computer Science, 2008, s. 497-507.
- T. Andreasen, H. Bulskov, Query Expansion by Taxonomy, In Galindo, J. (Ed.), Handbook of Research on Fuzzy Information Processing in Databases. red. / José Galindo. Hershey, PA : Idea Group Publishing, 2008. s. 325-351..

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- T. Andreasen, H. Bulskov, "On Browsing Domain Ontologies for Information Base Content", International Fuzzy Systems Association World Congress, IFSA 2007, IFSA '07 Proceedings of the 12th international Fuzzy Systems Association world congress on Foundations of Fuzzy Logic and Soft Computing, Springer-Verlag Berlin, Heidelberg, Pages 135 – 144, 2007.
- H. Bulskov, T. Andreasen, and T.V. Terney, Conceptual summaries as query answers, NAFIPS 2007, North American Fuzzy Information Processing Society. Annual Meeting of the 24-27 June 2007. Electrical Engineering/Electronics, Computer, Communications and Information Technology Association, 2007. s. 458-462.
- R. Knappe, H. Bulskov, and T. Andreasen:, Perspectives on Ontology-based Querying, International Journal of Intelligent Systems (IJIS), Special Topic Issue on Advances in Fuzzy Database Technology, 2007.

CURRICULUM VITAE

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 Email: mn@cs.au.dk
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Nationality Danish
Born September 15, 1949
Family Married, two daughters

Education

- MSc in Computer Science and Mathematics
Aarhus University, 1973
Thesis subject: Stochastic Automata
Supervisor: Professor Brian H. Mayoh
- PhD in Computer Science
Aarhus University, 1976
Thesis subject: Lindenmayer Systems
Supervisor: Professor Arto Salomaa

Employment Denmark

- Full Professor in Theoretical Computer Science, Aarhus University, since 2004, emeritus since 2016
- Vice Dean for Research, Science and Technology, Aarhus University, 2013–2015
- Head of Aarhus Graduate School of Science, AGSoS, Aarhus University, 2007–2011
- Associate Professor in Computer Science, Aarhus University, 1977–2004
- Director of the BRICS International PhD School in Computer Science, Aarhus University, founded by the Danish National Research Foundation, 1997–2007
- Co-director of the BRICS Research Centre, founded by the Danish National Research Foundation, 1993–1997

Employment abroad

- Research Associate, Computer Laboratory, Cambridge University, UK, 1986
- Research Associate, Computer Science Dpt., Edinburgh University, UK, 1977–79

Honours

- Knight of the Dannebrog Order, 1.
- Member of Academia Europaea
- LICS Test-of-Time Award 2013

Research

Interested generally in Theoretical Computer Science and its applications. Previously active in *Theory of Automata and Formal Languages*, later in *Models, Logics and Languages for Concurrency*, and most recently in *Global Computing*.

Co-founder in 1993 of *BRICS, Basic Research in Computer Science*, a research centre founded by the Danish National Research Foundation. Founder in 1997 of *BRICS International PhD School* founded by the Danish National Research Foundation.

Holder of various other international and national research and training grants, including

- *Research Training*, 2005–2010, the Danish Research Training Council
- *BRICS*, 1997–2006, the Danish National Research Foundation
- *Global Computing*, 2004–2006, the Villum Kann Rasmussen Foundation
- *Software Verification*, 2003–2006, the Danish Research Training Council
- *Interactive Computation*, 2001–2004, a Marie Curie Training Site
- *SECURE*, 2002–2004, an EU IST project
- *Verification of Mobile Processes*, 1997–99, an EU research training grant
- *Foundation of Distributed Systems*, 1993–95, an EU Human Capital and Mobility grant

Member of the editorial/advisory board for

- *Principles of Security and Trust* since 2011
- *Theoretical Computer Science* since 2002
- *Higher-Order and Symbolic Computation* since 2002
- *Computer Science Reviews* 2005–2013

- *Formal Aspects of Security and Trust* 2006–2011
- Editor of the Concurrency Column in *European Association for Theoretical Computer Science*, 1993–2002

Invited lecturer for a number of international conferences in Computer Science, including

- *Perspectives in Concurrency*, Chennai, India, 2008
- *From Computers to Ubiquitous Computing by 2020*, London, UK, 2008
- *Inaugural Symposium on Theoretical Computer Science, ICETCS*, Reykjavik, Iceland, 2005
- *Foundations of Global Ubiquitous Computing, FGUC*, London, UK, 2004
- *2'nd UK-UbiNet Workshop*, Cambridge, UK, 2004
- *International Conference on Principles and Practice of Declarative Programming, PPDP*, Uppsala, Sweden, 2003
- *International Colloquium on Automata, Languages and Programming, ICALP*, Crete, Greece, 2001
- *International Conference on Application and Theory of Petri Nets, ICATPN*, Newcastle, UK, 2001
- *Mathematical Foundations of Computer Science, MFCS*, Brno, Czech Republic, 1998
- *Foundations of Software Technology and Theoretical Computer science, FSTTCS*, Bangalore, India, 1995
- *International Conference on Concurrency Theory, CONCUR*, Uppsala, Sweden, 1994
- *Conference on Current Trends in Theory and Practice of Informatics, SOFSEM*, Czech Republic, 1993

Chairman/member of program committees for international conferences, including

- *Annual IEEE Symposium on Logic in Computer Science, LICS'10, '13*
- *Privacy, Trust Management and Security, IFIPTM'07, '08, '12, '13*
- *Mathematical Foundations of Computer Science, MFCS'95, '96, '98, '00, '07, '12*
- *First Conference on Principles of Security and Trust, POST'12*
- *Formal Aspects of Security and Trust, FAST '04, '05, '06, '09, '10, '11*
- *International Colloquium on Automata, Languages and Programming, ICALP'93, '94, '99, '00, '09*
- *Current Trends in Theory and Practice of Informatics, SOFSEM'96, '97, '09*
- *Computability in Europe, CiE'08*

- *Security Issues in Concurrency, SecCo'07*
- *Concurrency Theory, CONCUR'93, '94, '96, '98, '01, '02, '07*
- *International Conference on Trust Management, iTrust '06*
- *Trustworthy Global Computing, TGC '05*
- *Foundations of Computer Security, FCS '04*
- *Foundations of Software Science and Computation Structures, FOSSACS '99, '01, '02, '03, '04*
- *Foundations of Global Computing, FGC'03*
- *International Conference on Application and Theory of Petri Nets, ICATPN'00*
- *Foundations of Software Technology and Theoretical Computer Science, FSTTCS'96, '98*
- *Colloquium on Trees in Algebra and Programming, CAAP'95, '96*
- *Computer Science Logic, CSL'97*

Professional Activities

Chairman and member of many international research boards and panels, including

- Member of the *European Research Council*, Consolidator Grant Panel PE6, since 2011, chair 2014, 2016
- Chair of the Evaluation Committee for the PhD School at the IT University, Denmark, 2013
- Member of the Board of Aarhus University Research Foundation, 2012-2013
- Member of the Selection Committee for the *Gödel Prize*, 2009-2012 (chair 2012)
- Member of the Evaluation Panel, Assessment of Research, Reykjavik University, Iceland, since 2008 (chair 2011 and 2012)
- Member of the Council of the *European Association for Theoretical Computer Science*, 1996–2011 (President 2002–2006, Vice-President 2006–2008)
- Member of the EU Specific Programme Committee for Ideas (European Research Council), 2006–2012
- Member of the Technical Committee of the *International Federation for Information Processing, IFIP, TC1: Foundations of Computer Science*, since 1999
- Member of the Advisory Panel for the *Icelandic Centre of Excellence in Theoretical Computer Science* since 2005
- Member of the International Evaluation Panel for *l'Institut National de Recherche en Informatique et en Automatique, INRIA, theme 1C*, France, 2006 and 2007

- Member of the Steering committee for *Logic in Computer Science, LICS*, 2002–2006.
- Member of the Executive Committee of the *Association for Computing Machinery Special Interest Group on Algorithms and Computation Theory, SICACT* 2002–2006
- Chairman of the International Evaluation Panel for *l'Institut National de Recherche en Informatique et en Automatique, INRIA, theme 1C*, France, 2003

Member of many international educational policy committees, including

- Co-founder and member of the Board of the *European Educational Forum*, 1996
- Member of the Scientific Board of *Scuola Galileo*, Italy, since 2001
- Member of the Evaluation Panel for *International PhD Schools in Sweden*, 2007–2008
- Member of the Evaluation Panel for *IPA*, The Netherlands, 2006

Chairman and member of many national research committees under the Danish Ministry of Research, including

- Member of the Board of the *Danish National Research Foundation*, 2006–2011
- Member of the Board of the *Danish Councils for Independent Research*, 2004–2006
- Chairman of the Programme Committee for *Danish Information Technology Research Programmes* 1998–2000, a member until 2003
- Member of the committee for the *Danish Strategy for IT Research* 2002
- Chairman of *Danish National Advisory Board on Computing* 1992–96
- Chairman of the *Danish Research Council for Natural Science* 1989–91 (a member 1984–91)
- Chairman of the *Joint Committee of the Nordic Natural Science Research Councils* 1990–91
- Member of an evaluation panel for *Research and Higher Education in Physics in Denmark* 1991–92
- Chairman of the programme committee for a *Danish Research, Technology, and Development Programme in Informatics* 1985–89

Chairman and member of many national educational committees under the Danish Ministry of Education, including

- Chairman of *Danish Board of External Examiners in Computer Science* 1994–1998

Active in the Aarhus University administration since 1971. Member of numerous administrative bodies, starting as Head of the Department of Computer Science in 1975–77 and 1980–82, including

- Deputy head of the *Department of Computer Science*, 2001–2007 and 2012–2013
- Chairman of the *PhD Committee for Computer Science* 1992–2007
- Member of the *Research Committee for Computer Science* 2003–2007
- Member of the board of *Friends of the University of Aarhus* 1996–2010
- Member of the *Library Committee for Computer Science* 1999–2007
- Member of the *Public Image Committee for Computer Science* 1998–2007

Teaching

Taught introductory and advanced computer science courses at university level in a range of areas covering *Automata Theory, Formal Languages, Computability, Logic in Computer Science, Semantics, Models for Concurrency, Programming Languages and their Implementations, Functional Programming, Logic Programming, and Expert Systems*.

Supervisor for 18 PhD students at Aarhus University. Supervisor for 43 MSc students in Computer Science at Aarhus University. External examiner for more than 30 PhD dissertations in Denmark and abroad. Internal PhD examiner for more than 50 PhD dissertations at the Aarhus University.

Lecturer at many international summer schools and advanced courses in Computer Science, including

- *School on Formal Methods for the Design of Computer, Communication and Software Systems*, Bertinoro, Italy 2010
- *Doctoral Workshop on Mathematical and Engineering Methods in Computer Science*, Brno, Czech Republic, 2008
- *International Conference on Trust Management*, Pisa, Italy, 2006
- *Foundations of Security Analysis and Design, FOSAD*, Bertinoro, Italy, 2005
- *Advanced Course on Petri Nets*, Eichstätt, Germany, 2003
- *Application and Theory of Petri Nets*, Aarhus University, 2000
- *Partial Order Methods in Verification*, Princeton University, 1997
- *Computational and Syntactic Methods*, Mierlo, The Netherlands, 1997
- *Advances in Petri Nets*, Saarbrücken, 1996
- *European Summer School in Logic, Language, and Information*, Barcelona, 1995
- *Semantics and Logic of Computation*, Isaac Newton Institute, Cambridge, 1995

As one of the co-founders of the European Educational Forum, actively involved in the organization of many international summer schools, see www.win.tue.nl/EEF for details.

Organizer of international summer schools in Computer Science at Aarhus University, including

- *Logical Methods*, 2001
- *Semantics of Computation*, 1999
- *Verification*, 1996
- *Logic in Concurrency*, 1993

Dissemination

Author of several lecture notes for courses at Aarhus University, including most recently

- M. Nielsen: Limitations of Program Verification, course notes for dBerLog, 2008

In the eighties, co-author with E.M. Schmidt of a number of introductory course notes in Danish, used in a major training activity aimed at teachers from Danish high schools. including

- E.M. Schmidt, M. Nielsen: Algoritmer - Konstruktion og Analyse, 75 pages, 1982
- E.M. Schmidt, M. Nielsen: Datalogisk Matematik, 78 pages, 1984
- E.M. Schmidt, M. Nielsen: Træer og Rekursion, 19 pages, 1984
- E.M. Schmidt, M. Nielsen: Gysal - et sprog og en oversætter, 19 pages, 1986
- E.M. Schmidt, M. Nielsen: Transitionssystemer, 63 pages, 1988

Lectured on Computer Science outside university, e.g. for Danish television and industry.

Editor

- [1] Maria Bielikova, Mogens Nielsen, Antonin Kucera, Peter Bro Miltersen, Catuscia Palamidessi, Petr Tuma, and Frank Valencia, editors. *SOFSEM 2009: Theory and Practice of Computer Science, Proceedings Volume II (Czech Republic, January 25–30, 2009)*, Charles University in Prague, 132 pages, 2009.
- [2] Mogens Nielsen, Antonin Kucera, Peter Bro Miltersen, Catuscia Palamidessi, Petr Tuma, and Frank Valencia, editors. *SOFSEM 2009: Theory and Practice of Computer Science, Proceedings (Czech Republic, January 25–30, 2009)*, volume 5404 of *Lecture Notes in Computer Science*. Springer Verlag, 2009.
- [3] Mogens Nielsen and Branislav Rován, editors. *Mathematical Foundations of Computer Science 2000*, special issue of *Theoretical Computer Science*, 340, 2005.
- [4] Mogens Nielsen, editor. *Current Trends in Theoretical Computer Science - The Challenge of the New Century, vol. 2: Formal Models and Semantics*, chapter Concurrency, pages 313–410. World Scientific, 2004.
- [5] Mogens Nielsen and Uffe H. Engberg, editors. *Foundations of Software Science and Computation Structures; Held as Part of the Joint European Conferences on Theory and Practice of Software, ETAPS '02, FoSSaCS '02 Proceedings (Grenoble, France, April 10–12, 2002)*, volume 2303. Berlin: Springer-Verlag, 2002.
- [6] Kim G. Larsen and Mogens Nielsen, editors. *Concurrency Theory: 12th International Conference, CONCUR '01 Proceedings (Aalborg, Denmark, August 21–24, 2001)*, volume 2154 of *Lecture Notes in Computer Science*. Springer Verlag, August 2001.
- [7] Mogens Nielsen, editor. *Current Trends in Theoretical Computer Science – Entering the 21st Century*, chapter Concurrency, pages 437–542. World Scientific, 2001.
- [8] Mogens Nielsen and Branislav Rován, editors. *Mathematical Foundations of Computer Science: 25th International Symposium, MFCS '00 Proceedings (Bratislava, Slovak Republic, August 28 – September 1, 2000)*, volume 1893 of *Springer Lecture Notes in Computer Science*. Springer Verlag, August 2000.
- [9] Mogens Nielsen and Dan Simpson, editors. *21st International Conference on Application and Theory of Petri Nets, ICATPN '00 Proceedings (Aarhus, Denmark, June 26–30, 2000)*, volume 1825 of *Springer Lecture Notes in Computer Science*. Springer Verlag, June 2000.
- [10] Peter van Emde Boas, Jiri Wiedermann, and Mogens Nielsen, editors. *26th International Colloquium on Automata, Languages, and Programming, ICALP '99 Proceedings (Prague, Czech Republic July 11–15, 1999)*, volume 1644 of *Lecture Notes in Computer Science*. Springer-Verlag, 1999.

- [11] Mogens Nielsen and Wolfgang Thomas, editors. *European Association for Computer Science Logic: 11th International Workshop, CSL '97 Selected Papers (Aarhus, Denmark, August 23–29, 1997)*, volume 1414 of *Lecture Notes in Computer Science*. EACSL, Berlin: Springer-Verlag, May 1998.
- [12] Mogens Nielsen and Wolfgang Thomas, editors. *Preliminary Proceedings of the Annual Conference of the European Association for Computer Science Logic, CSL '97 (Aarhus, Denmark, August 23–29, 1997)*, number NS-97-1 in Notes Series, Department of Computer Science, University of Aarhus, August 1997. BRICS. vi+432 pp.
- [13] Allan Cheng, Kim G. Larsen, and Mogens Nielsen, editors. *Programme and Abstracts of the BRICS Autumn School on Verification (Aarhus, Denmark, October 28 – November 1, 1996)*, number NS-96-2 in Notes Series, Aarhus, August 1996. BRICS, Basic Research in Computer Science. ii+18pp.
- [14] Peter D. Mosses, Mogens Nielsen, and Michael I. Schwartzbach, editors. *TAPSOFT '95: Theory and Practice of Software Development*, number 915 in Lecture Notes in Computer Science. Springer-Verlag, 1995.
- [15] Uffe H. Engberg, Mogens Nielsen, and Glynn Winskel, editors. *Models, Languages and logics for Concurrent Distributed Systems, CEDISYS Workshop, Aarhus, Denmark, May 21–24, 1991*, number DAIMI PB-392 in PB Series, April 1992.
- [16] Mogens Nielsen and Erik Meineche Schmidt, editors. *9th Colloquium on Automata, Languages, and Programming, ICALP '82 Proceedings (Aarhus, Denmark, July 12–16, 1982)*, volume 140 of *Lecture Notes in Computer Science*. Springer-Verlag, 1982.

Journal Publications

- [17] Mogens Nielsen. Trust in Event Structures. *Theoretical Computer Science*, vol. 546, 3–6, 2014.
- [18] Mogens Nielsen and Karl Krukow. Transfer of Trust in Event-based Reputation Systems. *Theoretical Computer Science*, vol. 429: 236–246, 2012.
- [19] Karl Krukow, Mogens Nielsen, and Vladimiro Sassone. Trust Models in Ubiquitous Computing. *Philosophical Transactions of The Royal Society*, vol. 366 no. 1881: 3781-3793, 2008.
- [20] Karl Krukow, Mogens Nielsen, and Vladimiro Sassone. A Logical Framework for Reputation Systems and History-based Access Control. *Journal of Computer Security*, vol. 16,1: 63–101, 2008.
- [21] Mogens Nielsen, Karl Krukow, and Vladimiro Sassone. A Bayesian Model for Event-based Trust. *Electronic Notes in Theoretical Computer Science*, 172: 499–521, 2007.

- [22] Karl Krukow and Mogens Nielsen. Trust Structures *International Journal of Information Security*, 6(2-3): 153–181, 2007.
- [23] Marco Carbone, Mogens Nielsen, and Vladimiro Sassone. Trust in Global Computing. In *Association for Logic programming Newsletter*, vol 17, no 4, 2004.
- [24] Vinny Cahill, Elizabeth Gray, Jean-Marc Seigneur, Christian Jensen, Yong Chen, Brian Shand, Nathan Dimmock, Andy Twigg, Jean Bacon, Colin English, Waleed Wagealla, Sotirios Terzis, Paddy Nixon, Giovanna di Marzo Serugendo, Ciaran Bryce, Marco Carbone, Karl Krukow, and Mogens Nielsen. Using trust for secure collaboration in uncertain environments. *IEEE Pervasive Computing — Mobile and Ubiquitous Systems*, 2(3):52–61, 2003.
- [25] Marcin Jurdziński, Mogens Nielsen, and Jiří Srba. Undecidability of domino games and hhp-bisimilarity. *Information and Computation*, 184(2):343–368, 2003.
- [26] Mogens Nielsen and Frank D. Valencia. Temporal constraint programming: A framework for discrete-timed systems. *Association for Logic Programming Newsletter*, 15(4), 2003.
- [27] Mogens Nielsen, Catuscia Palamidessi, and Frank D. Valencia. Temporal concurrent constraint programming: Denotation, logic and applications. *Nordic Journal of Computing*, 9(2):145–188, 2002.
- [28] Mogens Nielsen and Thomas S. Hune. Bisimulation and open maps for timed transition systems. *Fundamenta Informaticae*, 38(1–2):61–77, 1999.
- [29] Allan Cheng and Mogens Nielsen. Open maps, behavioural equivalences, and congruences. *Theoretical Computer Science*, 190(1):87–112, 1998.
- [30] André Joyal, Mogens Nielsen, and Glynn Winskel. Bisimulation from open maps. *Information and Computation*, 127(2):164–185, 1996.
- [31] Mogens Nielsen and Glynn Winskel. Petri nets and bisimulation. *Theoretical Computer Science*, 153(1–2):211–244, 1996.
- [32] Vladimiro Sassone, Mogens Nielsen, and Glynn Winskel. Models for concurrency: Towards a classification. *Theoretical Computer Science*, 170(1–2):297–348, 1996.
- [33] Mogens Nielsen and Christian Clausen. Games and logics for a noninterleaving bisimulation. *Nordic Journal of Computing*, 2:222–250, 1995.
- [34] Mogens Nielsen, Grzegorz Rozenberg, and P. S. Thiagarajan. Transition systems, event structures, and unfoldings. *Information and Computation*, 118(2):191–207, 1995.

- [35] Javier Esparza and Mogens Nielsen. Decidability in Petri nets – A survey. *Bulletin of the EATCS*, 52:244–262, 1994.
- [36] Javier Esparza and Mogens Nielsen. Decidability issues for Petri nets. *Journal of Information Processing and Cybernet. EIK*, 30(3):143–160, 1994.
- [37] Javier Esparza and Mogens Nielsen. Decidability issues for Petri nets. *Petri Nets Newsletters*, 94:5–23, 1994.
- [38] Mogens Nielsen, Grzegorz Rozenberg, and P. S. Thiagarajan. Elementary transition systems. *Theoretical Computer Science*, 96(1):3–33, 1992.
- [39] Mogens Nielsen, Grzegorz Rozenberg, and P. S. Thiagarajan. Elementary transition systems and refinement. *Acta Informatica*, 29(6–7):555–578, 1992.
- [40] Mogens Nielsen, Grzegorz Rozenberg, and P. S. Thiagarajan. Behavioural notions for elementary net systems. *Distributed Computing*, 4:45–57, 1990.
- [41] César Fernández, Mogens Nielsen, and P. S. Thiagarajan. Notions of realizable non-sequential processes. *Fundamenta Informaticae*, 9:421–454, 1986.
- [42] Mogens Nielsen, Gordon Plotkin, and Glynn Winskel. Petri nets, event structures and domains, part I. *Theoretical Computer Science*, 13(1):85–108, 1981.
- [43] Mogens Nielsen. EOL systems with control devices. *Acta Informatica*, 4(4):373–386, 1975.
- [44] Mogens Nielsen. On the decidability of some equivalence problems for D0L-systems. *Information and Control*, 25(2):166–193, 1974.
- [45] Mogens Nielsen, Grzegorz Rozenberg, Arto Salomaa, and Sven Skyum. Nonterminals, homomorphisms and codings in different variations of OL-systems. I. Deterministic systems. *Acta Informatica*, 4(1):87–106, 1974.
- [46] Mogens Nielsen, Grzegorz Rozenberg, Arto Salomaa, and Sven Skyum. Nonterminals, homomorphisms and codings in different variations of OL-systems. II. Nondeterministic systems. *Acta Informatica*, 3(4):357–364, 1974.

Book Chapters

- [47] Karl Krukow, Mogens Nielsen, and Vladimiro Sassone. Probabilistic Computational Trust. In *Perspectives in Concurrency Theory*, Universities Press, pages 295–316, 2008.

- [48] Doina Bucur and Mogens Nielsen. Secure Data Flow in a Calculus for Context Awareness. In *Concurrency, Graphs and Models*, volume 5065 of *Lecture Notes in Computer Science*, pages 439–456, Springer Verlag, 2008.
- [49] Gerard Boudol, Ilaria Castellani, Matthew Hennessy, Mogens Nielsen, and Glynn Winskel. Twenty Years on: Reflections on the CEDISYS Project. In *Concurrency, Graphs and Models*, volume 5065 of *Lecture Notes in Computer Science*, pages 757–777, Springer Verlag, 2008.
- [50] Mogens Nielsen and Karl Krukow. On the Formal Modeling of Trust in Reputation-Based Systems. In J. Karhumäki, H. Maurer, G. Paun, G. Rozenberg, editors, *Theory Is Forever: Essays Dedicated to Arto Salomaa*, pages 192–204, 2004, Springer Verlag, 2004.
- [51] Uffe H. Engberg and Mogens Nielsen. A calculus of communicating systems with label passing—ten years after. In Gordon Plotkin, Colin Stirling, and Mads Tofte, editors, *Proof, Language, and Interaction; Essays in Honour of Robin Milner*, Foundations of Computing, chapter V, Mobility, pages 599–622. MIT Press, 2000.
- [52] Glynn Winskel and Mogens Nielsen. Categories in concurrency. In Andrew M. Pitts and Peter Dybjer, editors, *Semantics and Logics of Computation*, Publications of the Newton Institute, pages 299–354. Cambridge University Press, 1997.
- [53] Mogens Nielsen and Glynn Winskel. *The Book of Traces*, chapter Trace Structures and other Models for Concurrency, pages 271–306. World Scientific, 1995.
- [54] Glynn Winskel and Mogens Nielsen. Models for concurrency. In Samson Abramsky, Doug M. Gabbay, and Tom S. E. Maibaum, editors, *Handbook of Logic in Computer Science*, volume 4, pages 1–148. Oxford University Press, 1995.
- [55] Mogens Nielsen and Christian Clausen. Bisimulations, games, and logic. In J. Karhumäki, H. Maurer, and Grzegorz Rozenberg, editors, *Results and Trends in Theoretical Computer Science*, volume 812 of *Lecture Notes in Computer Science*, pages 289–305. Springer-Verlag, 1994.
- [56] Mogens Nielsen. A programming language for Lindenmayer systems. In Grzegorz Rozenberg and Arto Salomaa, editors, *The Book of L*, pages 333–344. Springer-Verlag, 1986.
- [57] Jean Berstel and Mogens Nielsen. The growth range equivalence problem for D0L systems is decidable. In Aristid Lindenmayer and Grzegorz Rozenberg, editors, *Automata, Languages and Development: At the crossroads of biology, mathematics and computer science (Noordwijkerhout, The Netherlands, 1975)*, pages 161–178. Amsterdam: North Holland, 1976.

Conference Proceedings

- [58] Ehab ElSalamouny, Mogens Nielsen, and Vladimiro Sassone. HMM-based Trust Model. In proceedings from *Formal Aspects in Security and Trust, FAST'09*, in volume 5893 of *Lecture Notes in Computer Science*, pages 21–35, Springer Verlag, 2010.
- [59] Jesus A. Aranda, Cinzia Di Giusto, Mogens Nielsen, and Frank Valencia. CCS with Replication in the Chomsky Hierarchy: The Expressive Power of Divergence. In proceedings of *Fifth ASIAN Symposium on Programming Languages and Systems (APLAS 2007)*, volume 4807 of *Lecture Notes in Computer Science*, pages 383–398, Springer Verlag, 2007.
- [60] Vladimiro Sassone, Karl Krukow, and Mogens Nielsen. Towards a Formal Framework for Computational Trust. In proceedings of *5'th International Symposium on Formal Methods for Components and Objects, FMCO'06*, volume 4709 of *Lecture Notes in Computer Science*, pages 175–184, Springer Verlag, 2007.
- [61] Karl Krukow and Mogens Nielsen. From Simulations to Theorems: A Position Paper on Research in the Field of Computational Trust. In proceedings of *Formal Aspects in Security and Trust, FAST'06*, volume 4691 of *Lecture Notes in Computer Science*, pages 96–111, Springer Verlag, 2007.
- [62] Karl Krukow, Mogens Nielsen, and Vladimiro Sassone. A Framework for Concrete Reputation-Systems with Applications to History-Based Access Control. In proceedings *Computer and Communications Security, CCS'05*, ACM Press, pages 260–269, 2005.
- [63] Marco Carbone, Mogens Nielsen, and Vladimiro Sassone. A Calculus for Trust Management. In proceedings of *Foundations of Software Technology and Theoretical Computer Science, FSTTCS'04*, volume 3328 of *Lecture Notes in Computer Science*, pages 161-173, Springer Verlag, 2004.
- [64] Mogens Nielsen and Frank D. Valencia. Notes on Timed Concurrent Constraint Programming. In *Advances in Petri Nets*, volume 3098 of *Lecture Notes in Computer Science* pages 702–741, Springer Verlag, 2003.
- [65] Marco Carbone, Mogens Nielsen, and Vladimiro Sassone. A formal model for trust in dynamic networks. In Antonio Cerone and Peter Lindsay, editors, *1st International Conference on Software Engineering and Formal Methods, SEFM '03 Proceedings (Brisbane, Australia, September 22 - 27, 2003)*, pages 54–61. IEEE Computer Society, IEEE Press, 2003.

- [66] Mogens Nielsen and Karl Krukow. Towards a formal notion of trust. In Dale Miller, editor, *5th International Conference on Principles and Practice of Declarative Programming, PPDP '03 Proceedings (Uppsala, Sweden, August 27–29, 2003)*, pages 4–7. Association for Computing Machinery (ACM), ACM Press, 2003.
- [67] Mogens Nielsen and Frank D. Valencia. Temporal concurrent constraint programming: Applications and behavior. In Wilfried Brauer, Hartmut Ehrig, Juhani Karhumäki, and Arto Salomaa, editors, *Formal and Natural Computing*, volume 2300 of *Lecture Notes in Computer Science*, chapter IV, Concurrent Computing, pages 298–324. Springer-Verlag, 2002.
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Key qualifications

I am an Associate Professor and head of Digital Design Department at the [IT University of Copenhagen](#). I am a member of the [Interaction Design Research Group](#). I hold a MSc in Computer Science and Danish Literature and Language from Roskilde University 1990. In 1995, I received a PhD in Computer Science / Informatics from Copenhagen Business School.

I have managerial experience and theoretical management training oriented towards scientific contexts obtained through more than 20 years work experience including managerial positions in universities in Denmark and Sweden. Currently, I am an Associate Professor at the IT University of Copenhagen, heading the Interaction Design Research Group and the People and Computational Things Section with visions of individual dedication and collaborative engagement to strengthen research and research-based education.

My current research focuses on interaction design in the area of welfare technology, and more specifically design related to social aspects of ageing. 2014 to 2017 I am the scientific coordinator of the EU/AAL project [Give&Take – Designing a reciprocal exchange service for a good and engaged senior life](#). Recently, I participated in two research projects [SeniorInteraction](#), and the [LevVel Mødestedet](#) also focusing on design in the area of ageing. My future research agenda generally focuses on Interaction Design for a Good Life.

I was a co-editor of [Digital Creativity](#) 1998-2015. Further, I was an appointed member of the [Danish Disability Council](#) 2011-2015. My agenda here was to work for co-design and participation when designing services and technology in the area of disability and rehabilitation.

Before joining ITU, I developed and headed a study program in interaction design at Malmö University, [K3](#), Sweden and established and headed the research group Creative Environment at [K3](#).

Positions

Academic positions

- 2006 -> Associate professor, IT University Copenhagen
- 2004 - 2005 Guest researcher, EU Paperworks project, Management Department, King's College, London, UK (Part-time leave from Arts and Communication, Malmö University)
- 2002 - 2003 External lecturer at IT University of Copenhagen
- 1998 - 2006 Associate professor, K3, Malmö University
- 1997 - 1998 Expert, K3, Malmö University
- 1997 - 2000 External senior researcher, Copenhagen University, Department of Psychology
- 1996 - 1997 External lecturer, Computer Science, Open University, Aalborg University
- 1995 - 1997 Assistant professor, Informatics Department, Copenhagen Business School
- 1994 - 1995 Assistant professor, Department of Applied Computer Science, CBS

- 1991 - 1994 PhD student, Department of Applied Computer Science, CBS (maternity leave Nov 1991 - May 1992 & May 1993 - Dec 1993)
- 1990 - 1991 Research stip., Department of Applied Computer Science, CBS

Non-academic positions

- 1989 - 1990 TA, Computer Science, Roskilde University
- 1987 - 1990 Editor, Teknisk Forlag (The Danish Technical Publishing House)
- 1987 Teacher, project management, Danish Engineers In-service Training
- 1986 - 1988 Teaching / development of courses and course material, Berlitz School of Language

Educational background and training

- 2016 Wave Professional Styles and Wave Focus Styles, Saville Consulting
- 2009 Research Management, CBS
- 1995 PhD, Applied Computer Science / Informatics, Copenhagen Business School
- 1991 University pedagogic for assistant professors, Copenhagen Business School
- 1990 MSc, Computer Science / Danish Literature & Language, Roskilde University
- 1989 Diploma, Database Theory, Copenhagen Business Academy
- 1979 High school exam, Frederiksborg Gymnasium, Hillerød

Research: assigned posts, activities and management

Funded research projects

- 2014 – 2017 Principal investigator and coordinator of *Give&Take* (EU), IT University of Copenhagen
- 2011 – 2013 Principal investigator of *Community-Based Innovation*, IT University of Copenhagen
- 2010 – 2012 Principal investigator of *LevVel Mødestedet*, IT University of Copenhagen
- 2009 – 2012 Principal investigator of *SeniorInteraction*, IT University of Copenhagen
- 2006 - 2009 Participating researcher in *SPOPOS*, IT University of Copenhagen
- 2002 – 2006 Participating researcher in *PaperWorks* (EU), K3, Malmö University
- 2002 – 2006 Participating researcher in *ATELIER* (EU), K3, Malmö University
- 2002 - 2006 Principal investigator and coordinator of *Mobility and Learning Environments* (Vinnova), Malmö University
- 2001 - 2004 Project leader for MAH part of *Øresund e-learning* (Øresund Interreg), K3, Malmö University
- 1997 – 2000 Participating researcher in *Competence development and computer supported cooperative work*, CBS

Research group management

- 2012 -> Interaction Design Research group, IT University of Copenhagen
- 2001 - 2004 Research Studio director, Creative Environments research studio, Arts and Communication, Malmö University

Supervision of PhD thesis and PhD courses / lectures

- 2011 -> Supervisor for PhD student Marie Ertner, ITU

- 2010 Developing and teaching PhD course Foundations and Current Trends in Design Research and Interaction Design (FACT), ITU
- 2008 -> Supervisor for PhD student Tanja Belinda Andersen, PhD student Julie Thiesen Winthereik, PhD student Signe Louise Yndigegn, ITU
- 2002 - 2003 Co-supervisor, Hans Tap, Blekinge Technical University
- 2000 Management of IT, PhD course, guest lecture, Magleås
- 1996 - 1997 Co-supervisor, Miguel Garcia Gosálvez, ESADE, Barcelona, Spain
- 1996 Applications of Virtual Reality technology in informatics, PhD seminar, ESADE, Spain
- 1996 - 1997 Co-supervisor, Morten Borup Harning, CBS

Evaluator of PhD thesis

- 2013 IT University of Copenhagen, Peter Lutz: CARE MOVES - An ethnography in-between senior home care collectives, August 2013 (head of committee)
- 2010 Designskolen Kolding, Mette Harrestrup Lauritzen: Fra piktogram til sensogram - en sanselig transformation via fænomenologi og pervasive computing. April 2010 (member of committee)
- 2009 IT University of Copenhagen, Anna Vallgård: Computational Composites – Understanding the Materiality of Computational Technology. December 2009 (head of committee)
- 2008 Cambridge University, UK, Julia Sussner: Parsing Place: Staging Spatially Organised Narrative in Interactive Digital Environments, August 2008 (member of committee)
- 2008 University of Southern Denmark, Mads Vedel Jensen: Tangible Interaction in Industrial Plants, May 2008 (member of committee)
- 2008 Aarhus University, Martin Brynskov: Tools for Social Construction: A Framework for Pervasive Media for Children, March 2008 (member of committee)
- 2007 IT University of Copenhagen, Jens Pedersen: Protocols of research and design, December 2007 (head of committee)
- 2007 Lunds University, CERTEC, Henrik Enquist: Självbiografiskt skapande, April 2007 (member of committee)
- 2006 IT University of Copenhagen, Jonas Heide Smith: Plans and purposes - how videogame goals shape player behaviour, December 2006 (head of committee)
- 2004 Århus University, Jannie Friis Kristensen: Interaction through Negotiation – Interaction design in a pervasive computing perspective. October 2004 (member of committee)
- 2003 Umeå university, Andreas Lund: Massification of the Intangible. An investigation into embodied meaning and information visualization. December 2003 (member of committee)
- 2003 IT University of Copenhagen, Ida Engholm: Design history of the WWW, September 2003 (member of committee)
- 2001 Lunds Universitet, CERTEC, Arne Svensk: Design av kognitiv assistans. April 2001 (licentiat) (member of committee)

Member of scientific councils or the like:

- 1999-2004 Nordic Interactive Multimedia Research School board
- 1996-2000 Secretary of IFIP WG 9.5 (Applications and social implications of virtual worlds)

Member of evaluation committees of scientific positions

- 1999 -> Serving at several Danish and Nordic Universities: including Aalto University (Finland), Copenhagen Business School, IT-university Copenhagen, Södertörn University (Sweden), Roskilde University, Danish Design School, LTH/ Lunds University (Sweden), Aalborg University.

Organizer of scientific conferences, workshops and panels:

- 2016 Workshop organizer, Writing Participatory Design – A Workshop on Interpreting, Accounting and Novel Forms of Reporting, PDC 2016, Aarhus, Denmark
- 2016 Workshop organizer, Migration of a Sharing Platform from Copenhagen to Aarhus – A Live Exploration of how Social Innovations may Travel, PDC 2016, Aarhus, Denmark
- 2015 Workshop organizer, Designing for Sharing in Local Communities, CHI 2015, Seoul, South Korea
- 2013 Panel organizer, What Can Design Laboratories Do? Interact 2013, Cape Town, South Afrika
- 2012 Conference chair, NordiCHI 2012, Copenhagen, Denmark
- 2012 Workshop organizer, Elderly's everyday practices as a design approach, NordiCHI2012, Copenhagen
- 2010 Workshop organizer, PDC2010, Sydney, Australia
- 2008 Co-program chair, NordiCHI 2008, Lund, Sweden
- 2006 Workshop organizer, PDC2006, PaperWorks – designing for paper technologies. Trento, August 2006
- 2004 Conference chair, Computers in Art and Design Education - CADE2004, Malmö and Copenhagen, Sweden and Denmark.
- 2002 Workshop organizer, Human Computer Interaction and E-learning, NordiCHI 2002, Aarhus, Denmark, October 19-23, 2002.
- 2002 Workshop organizer, Designing Tangible User Interfaces to Support participation, PDC2002 Malmö, Sweden.
- 2001 International Steering Committee, Digital Art and Culture
- 1998 Co-chair, NIRES conference, Malmö Sweden.

Invited keynotes and talks

- 2017 Give&Take: Co-design in praksis – innovation gennem dialog. Invited talk, Innovation som drivkraft i fremtidens sundhedssektor. Copenhagen, 16 November 2017.
- 2013 Active aging: weaknesses and opportunities for a new generation of public services. Keynote, Smart City Exhibition Bologna, 22-24 October 2013.

Editorial work and peer reviewing

- 2008 -> Peer review and program committee member, Participatory Design Conference (PDC)
- 2008 -> Peer review, CHI Conference
- 2008 -> Peer review, NordiChi Conference
- 2008 Peer review, ArtAbilitation Conference
- 2004 Peer review, Computers in Art and Design Education Conference (CADE)
- 2003 - 2007 Peer review, Digital Arts and Culture International Conference (DAC)
- 1998 - 2015 Editor, Digital Creativity (international journal)
- 1995 - 2004 Peer review, Scandinavian Journal of Information Systems

Member of professional boards and councils:

- 2011 - 2015 Member of the Danish Disability Council
- 2008 - 2010 Head of Digital Communication bibliometric group for evaluation of scientific publication channels in Denmark
- 2009 - 2013 Expert board, MEDEA, Malmö University

2007 - 2011 Board of Directors, IT-university of Copenhagen
 2004 Board of research and research education, Malmö University
 2003 - 2006 Faculty research council, K3, Malmö University
 1999 - 2002 Study board, Malmö University
 1998 - 2006 Faculty employment council, K3, Malmö University
 1998 - 2002 Faculty education council K3, Malmö University
 1998 - 2006 Board of directors, K3, Malmö University

Educational activities & teaching

Education programmes

2007 - 2014 Developing and heading Digital Media and Design, IT University of Copenhagen
 1997 - 2002 Developing and heading Interaction Technology/Design, K3, Malmö University

Courses

2006 -> Co-design and Qualitative Methods, DMD, ITU, course development, teacher
 Designing Interactive Artifacts in Action, DDK, ITU, teacher
 Research Project and Academic Writing, DMD, ITU, course development, teacher
 Introduction to interaction design, DMD, ITU, course development, teacher
 Interaction design, DDK, ITU, course development, teacher
 Interaction design and ethnography, DDK, ITU, teacher
 Concept development of Multimedia Productions, DDK, ITU, course development, teacher

2002 Avanceret interaktionsdesign (Advanced Interaction Design), ITU Copenhagen, course development, teacher

1998 – 2006 Interaction design part I, II and III, K3, Malmö University, course development, teacher
 Theory of science, methodology and design theory, K3, Malmö University, course development, teacher
 Research in interaction design, K3, Malmö University, course development, teacher
 Interactive storytelling in games, K3, Malmö University, course development, teacher
 Essay writing (part of course in Cultural theory), K3, Malmö University, course development, teacher
 Media of communication (course in collaboration with Copenhagen Business School), K3, Malmö University, course development, teacher
 VRML & avatar design workshop, K3, Malmö University, workshop development, teacher
 Composite Copenhagen (sound design workshop with Space Invaders, Copenhagen), K3, Malmö University, course development, teacher

1997 - 1998 Software Engineering, Dept. of Computer Science, Open University / Aalborg University, course development, teacher

1994 - 1997 Object orientated Analysis & Design, course development, teacher
 Project management, ha.dat., CBS, teacher
 Philosophy of Computer Science, Dept. of Computer Science, Open University / Aalborg University, course development, teacher
 Systems design, Dept. of Computer Science, Open University / Aalborg University, teacher
 Interpretation and Understanding, cand.merc.dat, CBS, course development
 Software Engineering at ha.dat, CBS, course development, teacher

Information Management, ha.dat, CBS, teacher
Learning in the Knowledge Industry at cand.merc.dat, CBS, teacher
CASE-tools, cand.merc.dat, CBS, course development, teacher
Virtual Reality, cand.merc.dat, CBS, teacher
Management of Information Technology, cand.merc.dat, CBS, teacher
Information Systems in Organisations, cand.merc.dat, CBS, teacher
1991 - 1993 Database Theory at ha.dat, CBS, course development, teacher
Hypermedia tools at cand.merc.dat, CBS, teacher

Supervision

2006 -> Supervision of DMD Exam projects, DDK Master projects, ITU
2000 - 2006 Supervision of Interaction Technology Exam projects, K3, Malmö
1991 - 1997 Supervision of master thesis, cand.merc.dat, CBS

Guest lecturing

1995 – 1997 IS-research seminar, Salford University, UK

Teaching assistant

1989 - 1990 Teaching assistant Simula programming, Computer Science, Roskilde University

Non-academic teaching and coaching

1986 - 1988 Teaching and development of textbook for Danish language classes at Berlitz School of Language, Copenhagen
1985 - 1988 Volleyball instructor in CIF-Enhed, Copenhagen

Outside professional life

In my spare time I read novels and poems.

I do photography (occasionally for a Danish newspaper – Weekendavisen).

With my husband I did a documentary film on Danish poets (Mortensen et al 2013), and work on a cookbook with contemporary ethnographic stories from the Thy-region in Denmark.

All year round I like running, biking, walking and harpoon hunting.

**Fortegnelse over bedømmelsesudvalg til
stilling 201736 Assistant professorships in Computer Science ved Department of Computer Science**

Navn: Associate Professor Kurt Nørmark
Arbejdssted: Department of Computer Science, AAU
E-mail: normark@cs.aau.dk

Navn: Associate Professor Manfred Jaeger
Arbejdssted: Department of Computer Science, AAU
E-mail: jaeger@cs.aau.dk

Navn: Associate Professor Ira Assent
Arbejdssted: Department of Computer Science, AU
E-mail: ira@cs.au.dk

Navn: Associate Professor Erik Frøkjær
Arbejdssted: Department of Computer Science (DIKU), KU
E-mail: erikf@di.ku.dk

Navn: Professor Andrzej Wasowski
Arbejdssted: Department of Computer Science, IT University
E-mail: wasowski@itu.dk

Akademisk Råd har taget stilling til, at medlemmer af bedømmelsesudvalget er sagkyndige inden for stillingsområdet på et niveau, der mindst svarer til det, der forudsættes for stillingen, dog ikke under lektorniveau.

Assistant professorships in Computer Science

Position No.

201736

At the Technical Faculty of IT and Design, Department of Computer Science several positions as Assistant Professor in Computer Science are open for appointment from August 1, 2018 or soon hereafter until July 31, 2021.

Department of Computer Science is a department with many coherent activities within research, education, technology, development and co-operation with the surrounding society, and research dissemination within the computer science area. The department's research approach ranges from formal logic, over experimental construction to empirical description. The research in the department has computers, programming, as well as software- and computer systems as its field. The department offers a broad range of computer science educations at all levels as well as continued professional development.

Job description

Research areas will be within;

Database, Programming and Web technologies with emphasis on data-intensive systems and platforms, spatio-temporal data management, data analytics and mining, application of machine learning, programming technologies, web science and engineering, personalization, and user modelling. <http://www.cs.aau.dk/research/database-programming-and-web-technologies/>

Distributed, Embedded and Intelligent Systems with particular emphasis on foundational and logical theories, algorithms and tools for verification and validation, methodologies for real-time and embedded systems, networks and operating systems, probabilistic graphical models, and machine learning. <http://www.cs.aau.dk/research/distributed-embedded-intelligent-systems/>

Human-Centered Computing - with particular emphasis on the design, development, and use of interactive computer systems from a human-centered perspective, including software development, digitalisation, human-computer interaction, interaction design, user experience, and innovation. <http://www.cs.aau.dk/research/human-centered-computing>

Teaching will primarily be within the Computer Science Department's educations, but also within other study programmes at the University.

You may obtain further professional information from Head of Department Kristian G. Olesen, +45 9940 8852, kgo@cs.aau.dk.

Qualification requirements:

Appointment as an Assistant Professor presupposes scientific qualifications at PhD-level or similar scientific qualifications. The research potential of each applicant will be emphasized in the overall assessment.

Appointment as an Assistant Professor cannot exceed a period of four years in total in a temporary position (appointment at Assistant Professor level cannot exceed a period of eight years in total in Denmark).

The application must contain the following:

- A statement outlining your reasons for applying, and intentions and visions with, the position.
- Your curriculum vitae, including personal data, educational background, scientific qualifications, dissemination skills, participation in committees and boards, and additional qualifications relevant for the position.
- Copies of relevant diplomas (Master of Science and PhD). On request you could be asked for an official English translation.
- A complete list of publications.
- Publications you wish to be considered by the assessment committee. You may attach up to 5 publications.
- A specification of your teaching qualifications relative to the teaching portfolio. If this is not enclosed you must include an explanation for its absence.
- References/recommendations.

An assessment committee will assess all candidates.

The applications are only to be submitted online by using the "Apply online" button below.

For further information concerning the application procedure please contact Anne Christoffersen by mail ach@adm.aau.dk or phone (+45) 9940 7902.

Information regarding guidelines, ministerial circular in force, teaching portfolio and procedures can be seen [here](#) (TECH).

Workplace

Aalborg

Agreement

Employment is in accordance with the Ministerial Order on the Appointment of Academic Staff at Universities (the Appointment Order) and the Ministry of Finance's current Job Structure for Academic Staff at Universities. Employment and salary are in accordance with the collective agreement for state-employed academics.

Deadline

01/02/2018

Aalborg University (AAU) conducts teaching and research to the highest level in the fields of humanities, engineering, and natural, health, and social sciences.

Personal data

Aarhus University
Department of Computer Science
Åbogade 34
8200 Aarhus N
Denmark
Phone +45 2296 2341
ira@cs.au.dk
<http://www.cs.au.dk/~ira>

Home address	True Byvej 4, 8381 Tilst, Denmark
Date of birth	April 30, 1975, Aachen, Germany
Citizenship	German
Family	Common-law husband, three children

Education

Dr.rer. nat. (Ph.D.) with distinction

Thesis on "Efficient adaptive retrieval and mining in large multimedia databases" in Computer Science, RWTH Aachen University, Germany, **March 2008**

Dipl.-Inform. (M.Sc.)

Thesis on "Complexity of Two-Way Las Vegas Automata and related models" in Computer Science (Minor: Mathematics), RWTH Aachen University, Germany, **March 2003**

Employment

2010-present	Associate professor, Aarhus University, Denmark
2008-2010	Assistant professor, Aalborg University, Denmark
2003- 2008	Research and teaching assistant, RWTH Aachen University, Germany
2001-2003	Student programmer, TorqControl GmbH, Herzogenrath, Germany
1999-2000	Student assistant, women's representative office, RWTH Aachen University, Germany
1996-1999	Student assistant, University Didactics Center (former HTZ), RWTH Aachen University, Germany
1994-1996	Teacher, taught classes for German, Mathematics, English, French, private lessons schools, Aachen, Germany

Languages

German (native), English (fluent), Danish (fluent), French (fluent, but a bit rusty), Spanish (working knowledge, but a bit rusty), Japanese (basic), Italian (basic), Latin

Awards

- ERC Starting Grant application in 2014 rated A after presentation and interview in Brussels
- 2010 Teacher of the Year, Study Board of Computer Science, Aalborg University
- Borchers-Plakette: Award 2009 by RWTH Aachen University, Germany, for dissertation with distinction
- BTW Dissertationspreis: Bi-annual dissertation award 2009 by the database section of the German computer society
- DAAD scholarship: Awarded in 2000 by the German academic exchange service for graduate research studies at IFU (International Women's University), Hamburg

Management experience and supervision

- Project leader, project "DocSea", Industrial PhD programme, since 01/16
- Project leader, project "FounData", AUFF NOVA funding scheme, Aarhus University, since 01/16
- Work package participant, project "Future Cropping", Inno+, since 07/15, responsible for PhD project started 01/16
- Project leader "Analyzing Big Data on Modern Hardware", Villum Fonden postdoc project, 03/15-02/17
- Group leader, Data-Intensive Systems group, Dept. of Computer Science, AU, since 08/13
- Course on leadership development for research leaders ("Lederudvikling for Forskningsledere"), AU, 10/13 –03/14
- Project leader, university supervisor, Industrial PhD, 04/13-03/14 (student discontinued PhD); re-started with new student and fully company funded since 02/15
- Project leader "Scalable and Effective Anomaly Detection and Correction of Automatically Collected Data in e-Science", DFF-FTP 04/11-04/15
- Work package leader "Improving decision making from massive data collections using wall-sized, highly interactive visualizations (WallViz)", DSF 04/11-09/15
- Project assistance, DFG grant SE 1039/1-2 as research assistant at RWTH Aachen Univ.
- Treasurer FINUT 2006 (German congress of women in science + technology), Cologne, Germany
- Currently supervision of four PhD students, two postdocs
- Completed (co-)supervision of > 25 Master theses, 3 postdocs, 2 PhD students
- Supervision of seminar and project students and groups

Administration

- Semester coordinator, 2009-2010, 4th semester Bachelor in Information Technology study course, Aalborg University, Denmark

- Course guidance for technical major "Basic computer science" in the study course "Technical Communication" 2003- 2007, RWTH Aachen University, Germany
- Organisation and realization of computer science workshops for the "Schnupperstudium" (introductory workshops in technical study courses for girls) , RWTH Aachen University, Germany
- Organization and realization of computer science workshops for the Girls' Day, RWTH Aachen University, Germany

Community service and network

- Co-Editor special issue of the Machine Learning journal "MultiClust: Discovering, Summarizing and Using Multiple Clusterings", 2015
- Co-Organizer MultiClust Workshop 2013 / 2011 (International Workshop on Discovering, Summarizing and Using Multiple Clusterings)
- Proceedings chair SSTD 2009 (International Symposium on Spatial and Temporal Databases)
- Senior program committee member
 - ACM CIKM (International Conference on Database Systems for Advanced Applications),
 - IEEE ICDM (International Conference on Data Mining) 2015/2014,
 - SDM (SIAM International Conference on Data Mining) 2016
- DASFAA (International Conference on Database Systems for Advanced Applications) 2015
- Best paper committee member DASFAA 2015 (International Conference on Database Systems for Advanced Applications)
- Program committee memberships include
 - ACM SIGKDD (Special Interest Group Knowledge Discovery and Data Mining)
 - PVLDB (Proceedings Very Large Databases)
 - IEEE ICDM (International Conference on Data Mining)
 - SIAM SDM (International Conference on Data Mining)
 - PKDD (Principles and Practices of Knowledge Discovery)
 - EDBT Demo (International Conference on Extending Database Technology)
 - ASONAM (International Conference on Advances in Social Networks Analysis and Mining)
 - DaWaK (International Conference on Data Warehousing and Knowledge Discovery)
 - MultiClust (International Workshop on Discovering, Summarizing and Using Multiple Clusterings)

- ASONAM (International Conference on Advances in Social Networks Analysis and Mining)
- ICML (International Conference on Machine Learning)
- M3SN (International Workshop on Modeling, Managing and Mining of Evolving Social Networks)
- PAKDD (Pacific-Asia Conference on Knowledge Discovery and Data Mining)
- DEXA (International Conference on Database and Expert Systems Application)
- Reviewer for International Journals including
 - VLDB J (Very Large Databases)
 - IEEE TKDE (Transactions on Knowledge and Data Engineering)
 - KAIS (Knowledge and Information Systems)
 - DMKD (Data Mining and Knowledge Discovery)
 - TODS (ACM Transactions on Database Systems)
- International cooperations include
 - Raymond Ng, Vancouver, Canada,
 - Xuan-Hong Dang, Santa Barbara, USA,
 - Matteo Magnani, Uppsala, Sweden,
 - James Bailey, Melbourne, Australia,
 - Man Lung Yiu, Hong Kong,
 - Emmanuel Müller, Potsdam, Germany,
 - Thomas Seidl, Munich, Germany,
 - Arthur Zimek, Odense, Denmark,
 - Sean Chester, Trondheim, Norway

Invited talks include

- Scaling clustering to high dimensional data, Seminar, U Bologna, Italy, 2012
- Efficient density-based subspace clustering in high dimensions, Int. WS on Clustering High-Dimensional Data, Naples, Italy, 2012
- Outlier mining to identify anomalies in large data sets, Stanford School of Med., CA, USA, 2010
- Rethinking Search and Mining for Ubiquitous Multimedia, Panel, DASFAA (Database Systems for Advanced Applications) Int. Conf. 2010, Tsukuba, Japan

Erik Frøkjær, Datalogisk Institut Københavns Universitet, Søndre Campus, Njalsgade 128, Bygning 24, 5. sal, DK-2300 København S
Mobil: 45 3058 9521, E-mail: erikf@diku.dk
Born 1949, August 20

Erik Frøkjær is a computer scientist and associate professor at Copenhagen University's department of computer science (DIKU). His research areas are human-computer interaction, computing as a human and social activity, and health informatics. Before that he has published about e.g. management and development of large information systems and expert support systems.

He joined the university in 1985 after twelve years in industry as systems developer and IT consultant for private enterprises and governmental departments. He formed and headed from around 2000 until Nov. 2013 the Human Centered Computing (HCC) section at the University of Copenhagen, a very active interdisciplinary research section within the Department of Computer Science (DIKU).

He has managed a number of large IT and organization development projects, most importantly chairing the Danish cross-department Geographical Information Systems Committee under the Ministry of Finance (Georegistergruppen 1985) which formed the foundation of the comprehensive modernization of the Danish GIS-systems in the late 1980'es. In 1990 he designed a new editing and publishing system for "Karnovs Lovsamling", which has been further developed and today is used at a number of large international publishing houses and internet information providers, owned by the Thompson Reuter Group.

He has a MSc in both Electrical Engineering and in Mathematical Engineering from the Technical University of Denmark (1973), and a BSc in Business Administration from Copenhagen Business School (1977).

Selected publications

- Lauritsen L, Andersen L, Olsson E, Søndergaard SR, Nørregaard LB, Løventoft PK, Svendsen SD, Frøkjær E, Jensen HM, Hageman I, Kessing LV, Martiny K. (2017). Usability, Acceptability, and Adherence to an Electronic Self-Monitoring System in Patients With Major Depression Discharged From Inpatient Wards, *J Med Internet Res (JMIR)* 2017;19(4):e123, 12 p.
- Andersen SB, Rasmussen CK, Frøkjær E. (2017). Bringing Content Understanding into Usability Testing in Complex Application Domains—a Case Study in eHealth. In A. Marcus and W. Wang (Eds.): *DUXU 2017, Part I, Lecture Notes in Computer Science* 10288, pp. 327–341, 2017.
- Lasse Benn Nørregaard, Philip Kaare Løventoft, Erik Frøkjær, Lise Lauritsen, Emilia Clara Olsson, Louise Andersen, Stine Rauff, and Klaus Martiny. (2014). Patient expectations and experiences from a clinical study in psychiatric care using a self-monitoring system. In *Proceedings of the 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational* (NordiCHI '14). ACM, New York, NY, USA, 991-994.
- Løventoft, P. K., Nørregaard, L. B., and Frøkjær, E. (2012). Designing Daybuilder: An Experimental App to Support People with Depression, *PDC '12, Vol 2*, pp 1-4, ACM
- Cockton, G., Woolrych, A., Hornbæk, K. and Frøkjær, E. (2012). Chapter 55: Inspection-based Evaluations. In *The Human-Computer Interaction Handbook: Fundamentals, Evolving Technologies and Emerging Applications, Third Edition*. Edited by Sears, A. and Jacko, J. A., Taylor & Francis Group, pp 1279-1298

- Woolrych, A., Hornbæk, K., Frøkjær, E. & Cockton, G. (2011). "Ingredients rather than recipes: A proposal for research that does not treat usability evaluation methods as indivisible wholes". *International Journal of Human-Computer Interaction*, 27(10), 940-970.
- Lars Christensen, L. and Frøkjær, E. 2010. Distributed usability evaluation: enabling large-scale usability evaluation with user-controlled instrumentation. In Proceedings of the 6th Nordic Conference on Human-Computer Interaction: Extending Boundaries (*NordiCHI '10*), 118-127.
- Langer, L. and Frøkjær, E. (2008). Improving web search transparency by using a Venn diagram interface. In Proceedings of the 5th Nordic Conference on Human-Computer interaction: Building Bridges (Lund, Sweden, October 20 - 22, 2008). *NordiCHI '08*, vol. 358, 249-256.
- Frøkjær, E. and Hornbæk, K. (2008). Metaphors of human thinking for usability inspection and design. *ACM Trans. Computer-Human Interaction*, 14, 4 (Jan. 2008), 1-33
- Hornbæk, K. and Frøkjær, E. (2008). Comparison of techniques for matching of usability problem descriptions. *Interacting with Computers*, 20, 6 (Dec. 2008), 505-514.
- Hornbæk, K. & Frøkjær, E. (2008). A Study of the Evaluator Effect in Usability Testing, *Human-Computer Interaction, A Journal of Theoretical, Empirical, and Methodological Issues of User Science and of System Design*, Volume 23, No. 3, pp. 1-27.
- Uldall-Espersen, T., Frøkjær, E., and Hornbæk, K. (2008). Tracing impact in a usability improvement process. *Interacting with Computers*, 20, 1 (Jan. 2008), 48-63.
- Hornbæk, K. and Frøkjær, E. (2008). Making use of business goals in usability evaluation: an experiment with novice evaluators. In Proceedings of the Twenty-Sixth Annual SIGCHI Conference on Human Factors in Computing Systems, *CHI '08*, 903-912.
- Tobias Uldall-Espersen and Erik Frøkjær. 2007. Usability and software development: roles of the stakeholders. In *Proceedings of the 12th international conference on Human-computer interaction: interaction design and usability (HCI'07)*, Julie A. Jacko (Ed.). Springer-Verlag, Berlin, Heidelberg, 642-651.
- Tobias Uldall-Espersen, Erik Frøkjær, Ann Blandford, and Timo Jokela. 2007. Increasing the impact of usability work in software development. In *CHI '07 Extended Abstracts on Human Factors in Computing Systems (CHI EA '07)*. ACM, New York, NY, USA, 2873-2876.
- Frøkjær, E. & Hornbæk, K. (2005). Cooperative usability testing: complementing usability tests with user-supported interpretation sessions, *Proceedings of CHI 2005, extended abstracts*, 1383 - 1386.
- Hornbæk, K. and Frøkjær, E. (2005). Comparing usability problems and redesign proposals as input to practical systems development. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, CHI '05*, 391-400. (Best paper nominee).
- Hornbæk, K. & Frøkjær, E. (2004). "Usability Inspection by Metaphors of Human Thinking Compared to Heuristic Evaluation", *International Journal of Human-Computer Interaction*, 17, 3, 357-374.
- Kasper Hornbæk and Erik Frøkjær. 2004. Two psychology-based usability inspection techniques studied in a diary experiment. In *Proceedings of the third Nordic conference on Human-computer interaction (NordiCHI '04)*. ACM, New York, NY, USA, 3-12.
- Kasper Hornbæk and Erik Frøkjær. 2004. Reading patterns and usability in visualizations of electronic documents. *interactions* 11, 1 (January 2004), 11-12.
- Kasper Hornbæk and Erik Frøkjær. 2003. Reading patterns and usability in visualizations of electronic documents. *ACM Trans. Comput.-Hum. Interact.* 10, 2 (June 2003), 119-149.
- Kasper Hornbæk and Erik Frøkjær. 2002. Evaluating user interfaces with metaphors of human thinking. In *Proceedings of the User interfaces for all 7th international conference on Universal access: theoretical perspectives, practice, and experience (ERCIM'02)*, Noëlle

- Carbonell and Constantine Stephanidis (Eds.). Springer-Verlag, Berlin, Heidelberg, 486-507.
- Erik Frøkjær, Morten Hertzum, and Kasper Hornbæk. 2000. Measuring usability: are effectiveness, efficiency, and satisfaction really correlated?. In *Proceedings of the SIGCHI conference on Human Factors in Computing Systems (CHI '00)*. ACM, New York, NY, USA, 345-352.
- Erik Frøkjær and Helge Korsbæk. 1997. The managerial challenges in the transformation of the Danish geodata sector. In *Cases on information technology management in modern organizations*, Jay Liebowitz and Mehdi Khosrowpour (Eds.). IGI Global, Hershey, PA, USA 288-305.
- Morten Hertzum and Erik Frøkjær. 1996. Browsing and querying in online documentation: a study of user interfaces and the interaction process. *ACM Trans. Comput.-Hum. Interact.* 3, 2 (June 1996), 136-161.
- E. Sveinsdottir and Erik Frøkjær. 1988. Datalogy—the Copenhagen tradition of computer science. *BIT* 28, 3 (July 1988), 450-472.

Andrzej Wasowski (Resume)



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phone: +45 7218 5086, +48 694 599 166, email: wasowski@itu.dk

<http://www.itu.dk/people/wasowski/>, <http://scholar.google.com/citations?user=GgpJrwMAAAAJ>

born 26 Jul 1976, Polish citizen, Danish resident, married, children 11/13/15 years old

Research Statement. My interest is in systematic engineering of high quality software systems. I research use of modeling and analysis in engineering of complex software systems. The tools we build in our group aim at helping validation and certification of safety critical software, at modernization of legacy systems. I have experience with structural modeling, variability modeling, discrete dynamics modeling, real-time dynamics modeling, probabilistic dynamics modeling in scenarios following stepwise refinement methods and component-based development methods. I have designed static analysis and model checking algorithms for programs and models. Participated in construction of many software analysis tools.

Education

PhD in Computer Science, IT University (ITU) of Copenhagen (May, 2005), advisor prof. Peter Sestoft, Thesis on *Code Generation and Model-Driven Development for Constrained Embedded Software*.

MSc Eng in Computer Science from Warsaw University of Technology, Poland (September, 2000), under prof. Mieczysław Kłopotek. Thesis on *Learning Bayesian Networks from Databases*.

Positions, Institutional Responsibilities, and Additional Appointments

- 2016–now Full professor in Department of *Computer Science*, IT University
 - 2017–now Member of the PhD Council, IT University of Copenhagen (department function)
 - 2014–15 appointed *full-time visiting researcher* Engineering Faculty, U of Waterloo, Canada 5 months
 - 2012–13 appointed *full-time visiting scholar*, Engineering, University of Waterloo, Canada, 2 months
 - 2010–11 appointed *visiting professor at University of Rennes and INRIA*, France. 2 months
 - 2010–11 appointed *research fellow*, Computer Science, Aalborg University, part-time over 9 months
 - 2008–16 Associate professor in *Process and System Models* group, IT University
 - 2008–14 Head of the MSc program on Software Development, IT University (department function)
 - 2008–14 Member of the IT University Board of Studies (department function)
 - 2004–08 Post-doc/assistant prof. at IT University (60%) and Aalborg University (40%) [until 2005]
- Since 2002 I have had paternity leave for 9 months in total.

Funding Record

ROSIN: ROS-Industrial quality-assured robot software components (2017–20): Named co-investigator. Work Package leader (12 researchers involved) and site leader (5 researchers involved). H2020 ICT Project led by TU Delft, ITU Budget 700 K€.

VARIETE: Variability in Portfolios of Dependable Systems (2012–17): Principal investigator. Personal grant 915 K€ from Danish Independent Research Council, *Sapere Aude* program for research leaders. PI for ca. 7 researchers

VARIES: VARIability In safety critical Embedded Systems (2012–15): Country coordinator for Denmark. ARTEMIS consortium headed by Barco NV Belgium. ITU Budget ca. 630 K€

VKR Centre of Excellence — MT-Lab Modeling of Information Technology (2008–2014): a founding member and co-applicant, the centre was led by prof. Nielson (DTU). Total budget: 3.3 M€, ITU budget ca. 470 K€

Model-Integrated Software Service Engineering (2008–13) Co-investigator, consortium of 6 academic and 7 industrial partners headed by prof. Czarnecki, Total budget 4.3 M€ from Ontario Research Fund

Awards and Nominations

- *Formal Aspects of Component Software* 2011 (with co-authors) [best paper award]
- Best reviewer award *Foundations track, Intl. conference on Model-driven engineering languages & systems MODELS'14*
- My PhD student Stefan Stanculescu received the *Eliteforsk rejsestipendium* 2015, a personal award of ca. 27K€ given to only about 20 best PhD students at all universities and study fields in Denmark. I am the main supervisor and wrote the nomination.
- *ACM Intl. Conf. on Software Language Engineering (SLE'16)* with my PhD student and post-doc [best paper nomination]
- Best reviewer award *31st IEEE/ACM International Conference on Automated Software Engineering, ASE'16*

Invited keynote speaker

- *11th Brazilian Symposium on Components, Architectures and Reuse (SBCARS)*, part of CBSOFT'17, Brasil 2017. Title: *Finding Resource Manipulation Bugs in Linux Code* (400 registered participants)
- *28th Nordic Workshop on Programming Theory (NWPT)*, Aalborg/Rebild, Denmark 2016. Title: *Finding Bugs in Linux Code*
- *Feature-oriented Software Development* symposium (2015) in Traunkirchen, Austria. Title: *Hunting for Variability Bugs*
- *Formal Methods & Analysis in SPL Engineering* workshop (2013), Tokyo, Japan. Title: *Systematic Derivation of Static Analyses*

– *Model-driven Approaches in Software Product Line Engineering* workshop (2012), Salvador, Brazil.

Invited column: Bulletin of EATCS (no.95) with Antonik, Huth, Larsen, and Nyman

Invited panelist, expert, or invited speaker (non-keynote), including PhD Summer Schools:

- *8th Halmstad Summer School on Testing (HSST)*, Halmstad 2018
- *DAu-Konference: Robotter i Industri 4.0* (industrial conference of the Danish Automation Society DAu), September 2017
- *Fremtidens forskning og innovation* (strategic workshop in Danish Ministry of Higher Education and Science), March 2017
- *Language Composition Panel in 3rd Workshop on Domain-Specific Language Design and Implementation (DSLDI'15)*, Prague
- *Model-Driven Engineering, Logic and Optimization (MELO'16)*, Vienna, Austria
- *7th International Summer School on Domain-Specific Modeling (DSM-TP)*, Geneva 2016
- *6th International Summer School on Domain-Specific Modeling (DSM-TP)*, Antwerp, 2015
- *International PhD school on Quantitative Model Checking (QMC)*, Copenhagen 2012

Invited to: Dagstuhl seminars 16172 machine learning for software analysis, 14281 feature interactions, 14172 product configuration, 11031 model transformation, 11021 variability, 10031 verification, 12511 compositional design; *Shonnan meetings* on model transformation (000), reachability and validated numerics (076), *ESF* workshop on *Combining Learning and Symbolic Analysis*

PhD and Postdoc Supervision

PhD **main supervisor** (6) for Stefan Stanciulescu, Ahmad Salim Al-Sibahi, Iago Abal, Alexandru F. Iosif-Lazar, Fabrizio Biondi, Helge Pfeiffer, **co-supervisor** (2) for Adam Alami, Jean Melo

Post-doc supervisor (6) for Aleksandar Dimovski, Alexandru Iosif-Lazar, Raghava Mukkamala, Louis Traounez, Helge Pfeiffer

Collaborated with ca. **20** PhD students and post-docs worldwide: At Carnegie Mellon University (Pittsburgh, PA), Leipzig University (Germany), University of Aalborg (Denmark), Waterloo (Ontario, Canada), Queens University (Kingston, Ontario, Canada), Aarhus (Denmark), Rennes (France), Dresden (Germany), Munich (Germany), Imperial College (UK), University College Dublin (Ireland). In two cases I effectively acted as a co-supervisor of the entire PhD project.

PhD Examination Committees (13): University of Gothenburg, Sweden ('17), TU Delft, Netherlands ('17), PDPM IIITDM Jabalpur, India ('17), INRIA/IRISA Rennes, France ('16), Aarhus University, Denmark ('16), TU Dresden, Germany ('15), Brno University, Czech Rep. ('14, '12), University of Oslo, Norway ('12), University of Southern Denmark ('12), IT University (3×)

Major International Collaborations

- Prof. Krzysztof Czarnecki, University of Waterloo, Ontario, Computer Science Department: Variability Modeling, Software Product Lines, Structural Modeling, Language Design and Semantics
- Prof. Christian Kaestner, Carnegie Mellon University, United States. Reuse and software development tools for clone-based development and configurable systems.
- Dr. Axel Legay, INRIA Rennes, France: compositional reasoning and model management, concurrency, semantics and verification

Steering Committee Member: MODELS ('16–now), ETAPS ('15–16), FASE ('16–now)

General Chair: ACM/IEEE Intl. Conf. on Model-driven Engineering Languages and Systems MODELS'18; Co-chair feature-oriented software development symposium (FOSD'16); Co-chair *Dagstuhl seminar* 13091 *Analysis, Test & Verification of Variability*

Program Chair: FASE'16, ECMFA'16, VAMOS'14

Program Board Member: ACM/IEEE International Conference on Software Engineering (ICSE'18)

Editorial Board Member: Software and Systems Modeling journal (Springer)

Main Program Committee Membership SBCARS'17, ESEC/FSE'17, ASE'16, SLE'16, Modularity'16, FASE'15/16/17, KKIO'15/16/17, SOFSEM'16, SPLC'12/13/14/15, MODELS'08/9/10/14/15/16, CONCUR'11, GPCE'11/13, VAMOS'10/11/12/13

Reviewer for journals Science of Computer Programming, STTT, JLAMP, IET Software, IEEE TSE, TCS, SoSyM, and others.

Reviewer for research councils: Fonds de la Recherche Scientifique Belgium FNRS '17, Austrian Science Fund FWF '17, Natural Science and Engineering Research Council of Canada (NSERC), Swiss National Science Foundation SNSF '13/14

Research Management Experience & Qualifications

- 2017–now Member of PhD Council, IT University of Copenhagen
- 2017–now Work package leader in H2020 project ROSIN (managing work of ca. 12 researchers)
- 2014 Completed EMBO Laboratory Management Course for Research Group Leaders
- 2012–15 ARTEMIS VARIES: project technical committee member, country coordinator, task leader (7 researchers)
- 2012–17 Principal investigator in 915K€ *Sapere Aude* project, Danish Independent Research Council (7 researchers)
- 2008–13 Steering Committee member VKR Center on Modeling of Information Technology
- 2008–09 Steering Committee member in User Supportive Embedded Configuration project (STVF)

Publications of prof. Andrzej Wasowski

- Peer reviewed publications: **111** including 24 in journals, 87 in peer reviewed conferences, symposia, and workshops [underappreciated, as per DBLP]
- Other publications: **16**
- H-index: **35** with **4254** citations (according to Google Scholar, Sep 2017).

Journal Articles

- [1] ★ Iago Abal, Jean Melo, Stefan Stanculescu, Claus **Brabrand**, Márcio Ribeiro, Andrzej **Wasowski**. *Variability Bugs in Highly-Configurable Systems: A Qualitative Analysis*. Accepted for ACM Transactions on Software Engineering and Methodology (TOSEM). September 2017
- [2] Md Tawhid Bin Waez, Andrzej **Wasowski**, Juergen Dingel, Karen Rudie. *Controller synthesis for dynamic hierarchical real-time plants using timed automata*. Discrete Event Dynamic Systems 27(2): 407-441 (2017)
- [3] ★ Alexandru Florin Iosif-Lazar, Jean Melo, Aleksandar S. Dimovski, Claus **Brabrand**, Andrzej **Wasowski**. *Effective Analysis of C Programs by Rewriting Variability*. The Art, Science, and Engineering of Programming 1 (1) AOSA ISSN 2473-7321 <https://doi.org/10.22152/programming-journal.org/2017/1/issue1>
- [4] Aleksandar Dimovski, Ahmad Salim Al-Sibahi, Claus **Brabrand**, Andrzej **Wasowski**. *Efficient family-based model checking via variability abstractions* International Journal on Software Tools for Technology Transfer, STTT 19(5): 585-603 (2017). Springer.
- [5] Leonardo Passos, Leopoldo Teixeira, Nicolas Dintzner, Sven Apel, Andrzej **Wasowski**, Krzysztof Czarnecki, Paulo Borba, Jianmei Guo. *Coevolution of variability models and related software artifacts – A fresh look at evolution patterns in the Linux kernel*. Empirical Software Engineering 21 (4): 1744-1793 (2016) Springer.
- [6] Alexandru F. Iosif-Lazar, Andrzej **Wasowski**. *Trustworthy variant derivation with translation validation for safety critical product lines*. J. Log. Algebr. Meth. Program. 85(6): 1154-1176 (2016) Elsevier.
- [7] Kacper Bąk, Zinovy Diskin, Michał Antkiewicz, Krzysztof Czarnecki, Andrzej **Wasowski**. *Clafar: Unifying Class and Feature Modeling*. Software and Systems Modeling 15(3): 811-845 (2016) Springer.
- [8] ★ Jan Midtgaard, Aleksandar S. Dimovski, Claus **Brabrand**, Andrzej **Wasowski**. *Systematic Derivation of Correct Variability-Aware Program Analyses*. Science of Computer Programming. 105: 145-170 (2015). Elsevier
- [9] Rolf-Helge Pfeiffer, Andrzej **Wasowski**. *The design space of multi-language development environments*. Software and System Modeling 14(1): 383-411 (2015)
- [10] Alexandre David, Kim G. Larsen, Axel Legay, Ulrik Nyman, Louis-Marie Traonouez, Andrzej **Wasowski**. *Real-time specifications*. Software Tools for Technology Transfer 17(1): 17-45 (2015), Springer
- [11] Fabrizio Biondi, Axel Legay, Pasquale Malacaria, Andrzej **Wasowski**. *Quantifying information leakage of randomized protocols*. Theoretical Computer Science. 597: 62-87 (2015). Elsevier
- [12] ★ Steven She, Uwe Ryssel, Nele Andersen, Andrzej **Wasowski**, Krzysztof Czarnecki. *Efficient synthesis of feature models*. Information & Software Technology 56(9): 1122-1143 (2014), Elsevier
- [13] Thorsten Berger, Rolf-Helge Pfeiffer, Reinhard Tartler, Steffen Dienst, Krzysztof Czarnecki, Andrzej **Wasowski**, Steven She. *Variability mechanisms in software ecosystems*. Information & Software Technology 56(11): 1520-1535 (2014), Elsevier
- [14] Fabrizio Biondi, Axel Legay, Bo Friis Nielsen, Andrzej **Wasowski**. *Maximizing Entropy over Markov Processes*. Journal of Logical and Algebraic Methods in Programming 83(5-6): 384-399 (2014), Elsevier
- [15] Sebastian S. Bauer, Kim G. Larsen, Axel Legay, Ulrik Nyman, Andrzej **Wasowski**. *A modal specification theory for components with data*. Science of Computer Programming. 83: 106-128 (2014)
- [16] Kim Guldstrand Larsen, Axel Legay, Louis-Marie Traonouez, Andrzej **Wasowski**. *Robust synthesis for real-time systems*. Theoretical Computer Science. 515: 96-122 (2014)
- [17] Benoît Delahaye, Joost-Pieter Katoen, Kim G. Larsen, Axel Legay, Mikkel L. Pedersen, Falak Sher, Andrzej **Wasowski**. *Abstract Probabilistic Automata*. Inf. Comput. 232: 66-116 (2013)
- [18] ★ Thorsten Berger, Steven She, Rafael Lotufo, Andrzej **Wasowski**, Krzysztof Czarnecki. *A Study of Variability Models and Languages in the Systems Software Domain*. IEEE Transactions of Software Engineering 39(12): 1611-1640 (2013).
- [19] Benoît Delahaye, Kim G. Larsen, Axel Legay, Mikkel L. Pedersen, Andrzej **Wasowski**. *Consistency and refinement for Interval Markov Chains*. Journal of Logic and Algebraic Programming 81(3): 209-226 (2012)
- [20] Benoît Delahaye, Kim G. Larsen, Axel Legay, Mikkel Larsen Pedersen, Andrzej **Wasowski**. *New Results for Constraint Markov Chains*. International Journal on Performance Evaluation 69(7-8): 379-401 (2012). Elsevier.
- [21] Alexandre David, Kim Guldstrand Larsen, Axel Legay, Mikael H. Møller, Ulrik Nyman, Anders P. Ravn, Arne Skou, Andrzej **Wasowski**. *Compositional verification of real-time systems using Ecdar*. STTT 14(6): 703-720 (2012)
- [22] B. Caillaud, B. Delahaye, K. G. Larsen, A. Legay, M. L. Pedersen, A. **Wasowski**. *Constraint Markov Chains*. Journal of Theoretical Computer Science 412(34): 4373-4404 (2011). Elsevier. 32 pages.
- [23] A. Antonik, M. Huth, K. G. Larsen, U. Nyman, A. **Wasowski**. *Modal and Mixed Specifications: Key Decision Problems and their Complexities*. Journal of Mathematical Structures in Computer Science 20(1): 75-103 (2010). 29 pages.
- [24] Kim G. Larsen, Ulrik Nyman, Andrzej **Wasowski**. *Modeling Software Product Lines Using Color-blind Transition Systems*. International Journal on Software Tools for Technology Transfer (STTT). Volume 9, No. 5-6, October 2007. pp. 471—487. Springer Verlag. 17 pages.

Refereed Proceedings

All conferences and workshops below use a strict peer-review process and publish proceedings. Publications in workshops and conferences without proceedings are not listed.

- [1] Aleksandar S. Dimovski, Andrzej **Wasowski**. *From Transition Systems to Variability Models and from Lifted Model Checking Back to UPPAAL*. Models, Algorithms, Logics and Tools — Essays Dedicated to Kim Guldstrand Larsen on the Occasion of His 60th Birthday. LNCS 10460. pages 249-268. Springer 2017.

- [2] ★ Aleksandar S. Dimovski, Andrzej **Wasowski**. *Variability-Specific Abstraction Refinement for Family-Based Model Checking*. FASE 2017. LNCS 10202. pages 406-423. Springer 2017.
- [3] Jean Melo, Fabricio Batista Narcizo, Dan Witzner Hansen, Claus **Brabrand**, Andrzej **Wasowski**. *Variability through the eyes of the programmer*. Proceedings of the 25th International Conference on Program Comprehension (ICPC'17), pages 34-44. IEEE Computer Society 2017
- [4] ★ Iago Abal, Claus **Brabrand**, Andrzej **Wasowski**. *Effective Bug Finding in C Programs with Shape and Effect Abstractions*. 18th International Conference on Verification, Model Checking, and Abstract Interpretation VMCAI'17
- [5] Aleksandar S. Dimovski, Claus **Brabrand**, Andrzej **Wasowski**. *Finding Suitable Variability Abstractions for Family-Based Analysis*. In: Formal Methods FM'16: 217-234
- [6] ★ Jean Melo, Claus **Brabrand**, Andrzej **Wasowski**. *How does the degree of variability affect bug finding?* In: Proceedings of the 38th International Conference on Software Engineering, ICSE'16, Austin, TX. pp. 679-690. ACM 2016
- [7] Stefan Stanculescu, Thorsten Berger, Eric Walkingshaw, Andrzej **Wasowski**. *Concepts, Operations, and Feasibility of a Projection-Based Variation Control System*. In: 32nd IEEE International Conference on Software Maintenance and Evolution, ICSME'16, Raleigh, NC. pp. 323-333. IEEE Computer Society 2016
- [8] ★ Ahmad Salim Al-Sibah, Aleksandar S. Dimovski, Andrzej **Wasowski**. *Symbolic execution of high-level transformations*. Proceedings of the 2016 ACM SIGPLAN International Conference on Software Language Engineering SLE'16, Amsterdam, The Netherlands pp. 207-220. ACM 2016 **Nominated for the best paper award**.
- [9] Jean Melo, Elvis Flesborg, Claus **Brabrand**, Andrzej **Wasowski**. *A Quantitative Analysis of Variability Warnings in Linux*. VaMoS 2016: 3-8
- [10] ★ Alexandru F. Iosif-Lazar, Ahmad Salim Al-Sibahi, Aleksandar S. Dimovski, Juha Erik Savolainen, Krzysztof Sierszecki, Andrzej **Wasowski**. *Experiences from Designing and Validating a Software Modernization Transformation*. 30th IEEE/ACM International Conference on Automated Software Engineering, Lincoln, Nebraska 2015.
- [11] Stefan Stanculescu, Sandro Schulze, and Andrzej **Wasowski**. *Forked and Integrated Variants in an Open-Source Firmware Project*. International Conference on Software Maintenance and Evolution (ICSME'15)
- [12] Aleksandar Dimovski, Claus **Brabrand**, Andrzej **Wasowski**. *Variability Abstractions: Trading Precision for Speed in Family-Based Analyses*. ECOOP 2015: 247-270. LIPIcs 37, Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik
- [13] Aleksandar Dimovski, Ahmad Salim Al-Sibahi, Claus **Brabrand**, Andrzej **Wasowski**. *Family-Based Model Checking Without a Family-Based Model Checker*. SPIN 2015: 282-299, Springer LNCS 9232
- [14] Md Tawhid Bin Waez, Andrzej **Wasowski**, Juergen Dingel and Karen Rudie. *A Model for Industrial Real-Time Systems*. VMCAI 2015: 153-171
- [15] Fabrizio Biondi, Axel Legay, Pasquale Malacaria, Bo Friis Nielsen and Andrzej **Wasowski**. *Information Leakage of Non-Terminating Processes*. FSTTCS 2014: 517-529
- [16] Iago Abal, Claus **Brabrand**, Andrzej **Wasowski**. *42 variability bugs in the linux kernel: a qualitative analysis*. ASE 2014: 421-432
- [17] Thorsten Berger, Divya Nair, Ralf Rublack, Joanne M. Atlee, Krzysztof Czarnecki, Andrzej **Wasowski**. *Three Cases of Feature-Based Variability Modeling in Industry*. MoDELS 2014: 302-319
- [18] Jan Midtgaard, Claus **Brabrand**, Andrzej **Wasowski**. *Systematic derivation of static analyses for software product lines*. MODULARITY 2014: 181-192
- [19] Uli Fahrenberg, Mathieu Acher, Axel Legay, Andrzej **Wasowski**. *Sound Merging and Differencing for Class Diagrams*. FASE 2014: 63-78, Springer LNCS 8411
- [20] Michal Antkiewicz, Wenbin Ji, Thorsten Berger, Krzysztof Czarnecki, Thomas Schmorleiz, Ralf Lämmel, Stefan Stanculescu, Andrzej **Wasowski**, Ina Schaefer. *Flexible product line engineering with a virtual platform*. ICSE NIER 2014. ICSE Companion 2014: 532-535
- [21] Thorsten Berger, Stefan Stanculescu, Ommund Øgård, Øystein Haugen, Bo Larsen, Andrzej **Wasowski**. *To connect or not to connect: experiences from modeling topological variability*. SPLC 2014: 330-339
- [22] Rolf-Helge Pfeiffer, Jan Reimann, Andrzej **Wasowski**. *Language-Independent Traceability with Lässig*. ECMFA 2014: 148-163, Springer LNCS 8569
- [23] Alexandru F. Iosif-Lazar, Ina Schaefer, Andrzej **Wasowski**. *A Core Language for Separate Variability Modeling*. ISOla (1) 2014: 257-272
- [24] Md Tawhid Bin Waez, Andrzej **Wasowski**, Juergen Dingel and Karen Rudie. *Synthesis of a Reconfiguration Service for Mixed-Criticality Multi-Core Systems. An Experience Report*. FACS 2014: 162-180
- [25] Jianmei Guo, Krzysztof Czarnecki, Sven Apel, Norbert Siegmund, Andrzej **Wasowski**. *Variability Aware Performance Prediction. A statistical learning approach*. International Conference on Automated Software Engineering (ASE) 2013.
- [26] Kacper Bak, Zinovy Diskin, Michał Antkiewicz, Krzysztof Czarnecki and Andrzej **Wasowski** *Partial Instances via Subclassing*. International Conference on Software Language Engineering (SLE) 2013.
- [27] Fabrizio Biondi, Axel Legay, Louis-Marie Traonouez, Andrzej **Wasowski**. *QUAIL: A Quantitative Security Analyzer for Imperative Code*. CAV 2013: 702-707
- [28] Michal Antkiewicz, Kacper Bak, Krzysztof Czarnecki, Zinovy Diskin, Dina Zayan, Andrzej **Wasowski**. *Example-Driven Modeling using Clafer*. MDEBE@MoDELS 2013: 32-41
- [29] Kacper Bak, Dina Zayan, Krzysztof Czarnecki, Michal Antkiewicz, Zinovy Diskin, Andrzej **Wasowski**, Derek Rayside. *Example-driven modeling: model = abstractions + examples*. ICSE NIER 2013: 1273-1276
- [30] Fabrizio Biondi, Axel Legay, Bo Friis Nielsen, Andrzej **Wasowski**. *Maximizing Entropy over Markov Processes*. LATA 2013: 128-140
- [31] Leonardo Teixeira Passos, Jianmei Guo, Leopoldo Teixeira, Krzysztof Czarnecki, Andrzej **Wasowski**, Paulo Borba. *Coevolution of variability models and related artifacts: a case study from the Linux kernel*. SPLC 2013: 91-100
- [32] Øystein Haugen, Andrzej **Wasowski**, Krzysztof Czarnecki. *CVL: Common Variability Language*. SPLC 2013: 277
- [33] Thorsten Berger, Ralf Rublack, Divya Nair, Joanne M. Atlee, Martin Becker, Krzysztof Czarnecki, Andrzej **Wasowski**. *A survey of variability modeling in industrial practice*. VaMoS 2013: 7
- [34] Leonardo Teixeira Passos, Krzysztof Czarnecki, Sven Apel, Andrzej **Wasowski**, Christian Kästner, Jianmei Guo. *Feature-oriented software evolution*. VaMoS 2013: 17

- [35] Fabrizio Biondi, Axel Legay, Pasquale Malacaria, Andrzej **Wasowski**. *Quantifying Information Leakage of Randomized Protocols*. VMCAI 2013: 68-87
- [36] Rolf-Helge Pfeiffer, Andrzej **Wasowski**: *TexMo: A Multi-language Development Environment*. ECMFA 2012: 178-193
- [37] Rolf-Helge Pfeiffer, Andrzej **Wasowski**: *Cross-Language Support Mechanisms Significantly Aid Software Development*. MoDELS 2012: 168-184
- [38] Nele Andersen, Krzysztof Czarnecki, Steven She, Andrzej **Wasowski**: *Efficient synthesis of feature models*. SPLC (1) 2012: 106-115
- [39] Øystein Haugen, Andrzej **Wasowski**, Krzysztof Czarnecki: *CVL: common variability language*. SPLC (2) 2012: 266-267
- [40] M. Carbone, T. Hildebrandt, H. A. Lopez, G. Perrone, A. **Wasowski**. *Refinement for Transition Systems with Responses*. In: 4th International Workshop on Foundations of Interface Technologies 2012
- [41] S. Bauer, A. David, R. Hennicker, K. Guldstrand Larsen, A. Legay, U. Nyman and A. **Wasowski**. *Moving from Specifications to Contracts in Component-based Design*. In: 15th International Conference on Fundamental Approaches to Software Engineering (FASE'12). 15 pages.
- [42] K. Czarnecki, P. Grünbacher, R. Rabiser, K. Schmid, A. **Wasowski**: *Cool features and tough decisions: a comparison of variability modeling approaches*. In: 6th International Workshop on Variability Modelling of Software-Intensive Systems, Leipzig, Germany (2012). ACM Press. 10 pages.
- [43] S. Bauer, Kim Guldstrand Larsen, Axel Legay, Ulrik Nyman and Andrzej **Wasowski**: *A Modal Specification Theory for Components with Data* In: 8th International Symposium on Formal Aspects of Component Software (FACS'11). **Best Paper Award**
- [44] B. Delahaye, J.-P. Katoen, K. G. Larsen, A. Legay, M. L. Pedersen, F. Sher, A. **Wasowski**. *New Results on Abstract Probabilistic Automata*. In: 11th International Conference on Application of Concurrency to System Design, (ACSD'11). IEEE Press. 10 pages.
- [45] R.-H. Pfeiffer, A. **Wasowski**. *Taming the Confusion of Languages*. In: 7th European Conference on Modelling Foundations and Applications (ECMFA'11). Springer LNCS 6698. 16 pages.
- [46] K. G. Larsen, A. Legay, L.-M. Traonouez, A. **Wasowski**. *Robust Specification of Real Time Components*. 9th International Conference on Formal Modeling and Analysis of Timed Systems (FORMATS'11). Springer LNCS 6919. 15 pages
- [47] S. She, R. Lotufo, T. Berger, A. **Wasowski**, K. Czarnecki. *Reverse Engineering Feature Models*. In: 33rd International Conference on Software Engineering (ICSE 2011). ACM. 10 pages.
- [48] B. Delahaye, K. G. Larsen, A. Legay, M. L. Pedersen, A. **Wasowski**. *Decision Problems for Interval Markov Chains*. In: 5th International Conference on Language and Automata Theory and Applications (LATA). 2011. Springer LNCS 6638. 12 pages.
- [49] U. Fahrenberg, A. Legay, A. **Wasowski**. *Vision Paper: Make a Difference! (Semantically)*. In: 14th International Conference on Model Driven Engineering Languages and Systems (MODELS 2011). Springer LNCS 6891. Pages 10.
- [50] B. Delahaye, K. G. Larsen, A. Legay, M. L. Pedersen, A. **Wasowski**. *APAC: A Tool for Reasoning about Abstract Probabilistic Automata* (QEST'11). IEEE Computer Society. 2 Pages.
- [51] L. T. Passos, T. Berger, M. Novakovic, K. Czarnecki, Y. Xiong, A. **Wasowski**. *A study of non-Boolean constraints in variability models of an embedded operating system*. In: 3rd Workshop on Feature-Oriented Software Development (FOSD'11). ACM Digital Library. 8 pages.
- [52] A. Legay, A. **Wasowski**, K. G. Larsen, B. Delahaye, M. L. Pedersen, J.-P. Katoen and F. Sher. *Abstract Probabilistic Automata*. In: 12th International Conference on Verification, Model Checking, and Abstract Interpretation (VMCAI'11). Springer LNCS 6538. 15 pages.
- [53] T. Berger, S. She, R. Lotufo, A. **Wasowski**, K. Czarnecki. *Variability modeling in the real: a perspective from the operating systems domain*. In: 25th IEEE/ACM International Conference on Automated Software Engineering (ASE) 2010. ACM Press. 10 pages.
- [54] A. David, K. G. Larsen, A. Legay, U. Nyman, A. **Wasowski**. *ECDAR: An Environment for Compositional Design and Analysis of Real Time Systems*. In: 8th International Symposium on Automated Technology for Verification and Analysis (ATVA'10). Springer LNCS 6252. 6 pages.
- [55] A. **Wasowski**, D. Truscan, L. Kuzniarz (Eds.). *8th Nordic Workshop on Model-Driven Software Engineering* (NW-MODE 2010). ECSA Companion Volume 2010. 2 pages. ACM (workshop proposals were peer reviewed — reports are published)
- [56] A. Legay, A. **Wasowski**. *A Few Considerations on Structural and Logical Composition in Specification Theories*. In: International Workshop on Foundations of Interface Technologies (FIT'10). EPTCS 46. 5 pages
- [57] A. David, K. G. Larsen, A. Legay, U. Nyman, A. **Wasowski**. *Timed I/O automata: a complete specification theory for real-time systems*. In: 13th ACM International Conference on Hybrid Systems: Computation and Control (HSCC'10). ACM Press. 10 pages
- [58] B. Caillaud, B. Delahaye, K. G. Larsen, A. Legay, M. L. Pedersen, A. **Wasowski**.: *Compositional Design Methodology with Constraint Markov Chains*. In: 7th International Conference on the Quantitative Evaluation of Systems (QEST'10). IEEE Computer. 10 pages.
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- [60] R. Lotufo, S. Steven, T. Berger, K. Czarnecki, A. **Wasowski**. *Evolution of the Linux Kernel Variability Model*. In: 14th Software Product Lines Conference (SPLC'10). Springer LNCS 6287. 15 pages.
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- [62] S. She, R. Lotufo, T. Berger, A. **Wasowski**, K. Czarnecki. *The Variability Model of The Linux Kernel*. In: VaMoS Fourth International Workshop on Variability Modelling of Software-intensive Systems (VAMOS 2010). Linz, Austria — January 27-29, 2010. 8 pages.
- [63] T. Bourke, A. David, K. G. Larsen, A. Legay, D. Lime, U. Nyman, A. **Wasowski**. *New Results on Timed Specifications*. In: 20th International Workshop on Algebraic Development Techniques (WADT) July 1-4, 2010, Etelsen, Germany — Selected and revised papers. To appear in Springer's LNCS. 18 pages.
- [64] R.-H. Pfeiffer and A. **Wasowski**. *An aspect-based traceability mechanism for domain specific languages*. In Proceedings of the 6th ECMFA Traceability Workshop (ECMFA-TW '10). ACM, New York. 6 pages.
- [65] A. David, K. G. Larsen, A. Legay, U. Nyman, A. **Wasowski**. *Methodologies for Specification of Real-Time Systems Using Timed I/O Automata*. In: Formal Methods for Components and Objects (FMCO'09). Springer LNCS 6286. 20 pages.

- [66] M. Mendonça, A. **Wasowski**, K. Czarnecki. *SAT-based Analysis of Feature Models is Easy*. In: 13th International Conference on Software Product Lines (SPLC 2009). ACM International Conference Proceeding Series. 10 pages.
- [67] A. Antonik, M. Huth, K. G. Larsen, U. Nyman, A. **Wasowski**. *EXPTIME-complete Decision Problems for Mixed and Modal Specifications*. 15th International Workshop on Expressiveness in Concurrency (EXPRESS'08). Elsevier ENTCS vol. 242, Issue 1, pp. 19–33
- [68] A. Hessellund, A. **Wasowski**. *Interfaces and Metainterfaces for Models and Metamodels*. In: ACM/IEEE 11th International Conference on Model Driven Engineering Languages and Systems (MODELS), 2008. Springer LNCS vol. 5301 pp. 401-415
- [69] Mikolás Janota, Victoria Kuzina, Andrzej **Wasowski**. *Model Construction with External Constraints: An Interactive Journey from Semantics to Syntax*. In: ACM/IEEE 11th International Conference on Model Driven Engineering Languages and Systems (MODELS), 2008. Springer's Lecture Notes in Computer Science Vol. 5301. pp. 431–445
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- [71] K. Czarnecki, S. She, A. **Wasowski**. *Sample Spaces and Feature Models: There and Back Again*. In: 12th International Software Product Line Conference, 2008. IEEE Press. pp. 22–31
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- [81] Kim G. Larsen, Ulrik Larsen, Andrzej **Wasowski**. *Color-blind Specifications for Transformations of Reactive Synchronous Programs*. FASE, April 2005, Edinburgh, UK. LNCS. Springer Verlag. 15 pages.
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- [83] Andrzej **Wasowski**. *Flattening Statecharts without Explosions*. ACM SIGPLAN Conference on Languages, Compilers, and Tools for Embedded Systems (LCTES), June 2004, Washington, DC. ACM Press. 10 pages.
- [84] A. **Wasowski**. *On Succinctness of Hierarchical State Diagrams in Absence of Message Passing*. In: Workshop on Semantic Foundations of Engineering Design Languages (SFEDL). A satellite workshop of ETAPS. April 2004, Barcelona, Spain. ENTCS vol. 115. pp.89–97
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Invited Papers (Not Peer-reviewed)

- [1] Adam Antonik, Michael Huth, Kim G. Larsen, Ulrik Nyman, Andrzej **Wasowski**. *20 Years of Modal and Mixed Specifications*. Bulletin of the European Association for Theoretical Computer Science. No. 95. 2008. 36 pages.
- [2] Paulo Borba, Myra B. Cohen, Axel Legay, Andrzej **Wasowski**: Analysis, Test and Verification in The Presence of Variability (Dagstuhl Seminar 13091). Dagstuhl Reports 3(2): 144-170 (2013)
- [3] Aleksandar Dimovski, Ahmad Salim Al-Sibahi, Claus **Brabrand**, Andrzej **Wasowski**: *Family-based model checking using off-the-shelf model checkers: extended abstract*. SPLC 2015: 397 (a workshop invited talk, given by my PhD student Ahmad)

PhD Dissertation

- [1] Andrzej **Wasowski**. *Code Generation and Model Driven Development for Constrained Embedded Software*. PhD dissertation. IT University of Copenhagen. January 2005. 226 pages.
The committee consisted of Jens Christian Godskesen (ITU), Alan Mycroft (Cambridge) and Wang Yi (Uppsala).

Edited Journal Sections and Issues

- [1] Special issue on best papers from FASE'16 conference. Formal Aspects of Computing. Co-edited with Perdita Stevens and Ewen Denney. Special issue is being finalized, with estimated publication online in early 2018. Springer.

- [2] Special issue on best papers from ECMFA'16 and ICMT'16 conference. Software and System Modeling. Co-edited with Pieter van Gorp. Special issue is being finalized, with estimated publication online in early 2018. Springer.
- [3] Theme issue on variability modeling of software-intensive systems. Software and System Modeling. February 2017, Volume 16, Issue 1. Springer.

Edited Proceedings

- [1] Andrzej **Wasowski**. Henrik Lönn. *Modelling Foundations and Applications - 12th European Conference, ECMFA 2016, Held as Part of STAF 2016, Vienna, Austria, July 6-7, 2016, Proceedings. Lecture Notes in Computer Science 9764* Springer 2016, ISBN 978-3-319-42060-8
- [2] Perdita Stevens. Andrzej **Wasowski**. *Fundamental Approaches to Software Engineering - 19th International Conference, FASE 2016, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2016, Eindhoven, The Netherlands, April 2-8, 2016, Proceedings. Lecture Notes in Computer Science 9633* Springer 2016, ISBN 978-3-662-49664-0
- [3] Philippe Collet, Andrzej **Wasowski**, Thorsten Weyer (Eds.). *The Eighth International Workshop on Variability Modelling of Software-intensive Systems, VaMoS '14, Sophia Antipolis, France, January 22-24, 2014*. ACM 2014, ISBN 978-1-4503-2556-1
- [4] Ø. Haugen, K. Czarnecki, J.-M. Jezequel, B. Møller Pedersen. A. **Wasowski** (Eds). *Variability for You: Proceedings of VARY International Workshop affiliated with ACM/IEEE 14th International Conference on Model Driven Engineering Languages and Systems (MODELS'11)*. IT University Technical Report no. TR-2011-144. October 2011.

Technical Reports

- [1] Aleksandar S. Dimovski, Claus **Brabrand**, Andrzej **Wasowski**: *Variability Abstractions: Trading Precision for Speed in Family-Based Analyses (Extended Version)*. CoRR abs/1503.04608 (2015)
- [2] Iago Abal Rivas, Claus **Brabrand**, Andrzej **Wasowski**. *40 Variability Bugs in the Linux Kernel: A Qualitative Study*. ITU Technical Report Series No. TR-2014-180, 2014. 20 pages.
- [3] Jan Midtgaard, Claus **Brabrand**, Andrzej **Wasowski**. *Systematic Derivation of Static Analyses for Software Product Lines* ITU Technical Report Series No. TR-2014-170, 2014. 49 pages.
- [4] B. Caillaud, B. Delahaye, K. G. Larsen, A. Legay, M. Pedersen and A. **Wasowski**. *Compositional Design Methodology with Constraint Markov Chains*. Research Report RR-6993. INRIA. 2009
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- [6] A. **Wasowski**. *Succinctness of Hierarchical State Diagrams in Absence of Message Passing*. ITU Technical Report Series. TR-2004-42, February 2004. ISBN 87-7949-063-8. 11 pages.
- [7] Kim G. Larsen, Ulrik Larsen, Brian Nielsen, Arne Skou, Andrzej **Wasowski**. *Danfoss EKC Trial Project Deliverables*. BRICS Report Series, vol. RS-03-48. Denmark, December 2003. 55 pages.
- [8] Andrzej **Wasowski**, Peter Sestoft. *On the Formal Semantics of VisualSTATE Statecharts*. Technical Report TR-2002-19. IT University, Copenhagen, Denmark. September 2002. 30 pages

Other

- [1] Andrzej **Wasowski**. Thorsten Weyer. *Introduction to the theme issue on variability modeling of software-intensive systems*. Software and System Modeling 16(1): 49-51 (2017)
- [2] Andrzej **Wasowski**. Thorsten Weyer. *Erratum to: Introduction to the theme issue on variability modeling of software-intensive systems*. Software and System Modeling 16(1): 53 (2017)

**Fortegnelse over bedømmelsesudvalg til
stilling P21756 Postdoc in Modeling and Control of Pump Assisted Heat Pipe Systems
ved Department of Electronic Systems**

Navn: Associate Professor Jan Dimon Bendtsen
Arbejdssted: Department of Electronic Systems, AAU
E-mail:

Navn: Associate Professor Kirsten M. Nielsen
Arbejdssted: Department of Electronic Systems, AAU
E-mail:

Akademisk Råd har taget stilling til, at medlemmer af bedømmelsesudvalget er sagkyndige inden for stillingsområdet på et niveau, der mindst svarer til det, der forudsættes for stillingen, dog ikke under lektorniveau.

Postdoc in Modeling and Control of Pump Assisted Heat Pipe Systems

Position No.

P21756

At the Technical Faculty of IT and Design, Department of Electronic Systems, a position as postdoc in Modeling and Control of Pump Assisted Heat Pipe Systems is open for appointment from March 1, 2018 or as soon as possible thereafter. The position is available for 24 months.

The Department of Electronic Systems is one of the largest departments at Aalborg University with a total of more than 250 employees. The department is internationally recognized in particular for its contributions within Information and Communication Technology (ICT). The research and teaching of the Department of Electronic Systems focus on electronic engineering and the activity areas are organized in the sections: Antennas, Propagation and Millimetre-wave Systems section (APMS), Automation Control section (Control), Connectivity section (CNT), Signal and Information Processing section (SIP), Wireless Communication Networks section (WCN) and Communication, Media and Information technologies (CMI).

The department focuses on maintaining a close interplay with the university's surroundings - locally, nationally and internationally - as well as producing unique basic research and educating talented and creative engineers. The department collaborates with leading ICT researchers all over the world

Job description

We seek to appoint a PostDoc to take part in research and knowledge exchange in the EUDP-sponsored research project "Pump Assisted Heat Pipes for Cooling of Power Electronics". The project seeks to demonstrate the applicability and scalability of pump assisted heat pipes for cooling power electronic components in a novel setting.

A prototype cooling system will be designed, built and tested in close collaboration with a commercial project partner, and it shall be demonstrated that the pump assisted heat pipe technology can achieve the expected performance increase in terms of heat removal per unit volume compared to traditional (single-phase) cooling technologies. Strict spatial and environmental constraints necessitate a sophisticated control design. In addition to the practical work, it will thus be necessary to perform extensive simulations of the system design, as well as carry out detailed theoretical analyses of stability and robustness to model uncertainties and external disturbances.

The PostDoc's role involves:

- Research into modeling, control and optimization of pump assisted heat pipe systems
- Design, test and demonstration of control laws for such systems
- Dissemination to project partners and the scientific community

It is presupposed that applicants for the position as PostDoc have research qualifications from a successful PhD study in systems and control or a similar field of research. The applicants must document a record of scientific production at an international level within modeling and control.

You may obtain further professional information from Associate Professor Jan Bendtsen, email: dimon@es.aau.dk

Qualification requirements:

Appointment as Postdoc presupposes scientific qualifications at PhD-level or similar scientific qualifications. The research potential of each applicant will be emphasized in the overall assessment. Appointment as a Postdoc cannot exceed a period of four years in total at Aalborg University.

The application must contain the following:

- A motivated text wherein the reasons for applying, qualifications in relation to the position, and intentions and visions for the position are stated.
- A current curriculum vitae.
- Copies of relevant diplomas (Master of Science and PhD). On request you could be asked for an official English translation.
- Scientific qualifications. A complete list of publications must be attached with an indication of the works the applicant wishes to be considered. You may attach up to 5 publications.
- Dissemination qualifications, including participation on committees or boards, participation in organisations and the like.
- Additional qualifications in relation to the position. References/recommendations.
- Personal data.

The applications are only to be submitted online by using the "Apply online" button below.

An assessment committee will assess all candidates.

For further information concerning the application procedure please contact Anne Christoffersen by mail ach@adm.aau.dk or phone (+45) 9940 9680.

Information regarding guidelines, ministerial circular in force and procedures can be seen [here](#).

Workplace

Aalborg

Agreement

Employment is in accordance with the Ministerial Order on the Appointment of Academic Staff at Universities (the Appointment Order) and the Ministry of Finance's current Job Structure for Academic Staff at Universities. Employment and salary are in accordance with the collective agreement for state-employed academics.

Deadline

31/01/2018

Aalborg University (AAU) conducts teaching and research to the highest level in the fields of humanities, engineering, and natural, health, and social sciences.

**Fortegnelse over bedømmelsesudvalg til
stilling P21757 Postdoc in Characterization of and alleviation for hearing-aid users with low
compensation benefit ved Department of Electronic Systems**


Navn: Professor Dorte Hammershøi
Arbejdssted: Department of Electronic Systems, AAU

Navn: Associate Professor Rodrigo Pizarro Ordoñez
Arbejdssted: Department of Electronic Systems, AAU

Akademisk Råd har taget stilling til, at medlemmer af bedømmelsesudvalget er sagkyndige inden for stillingsområdet på et niveau, der mindst svarer til det, der forudsættes for stillingen, dog ikke under lektorniveau.

Postdoc in Characterization of and alleviation for hearing-aid users with low compensation benefit

Godkendt d.



Henrik Pedersen
dekan

Position No.

P21757

At the Technical Faculty of IT and Design, Department of Electronic Systems, Signal and Information Processing Section, a position as postdoc in Characterization of and alleviation for hearing-aid users with low compensation benefit is open for appointment from 1. March, 2018, or as soon as possible thereafter. The fully funded position is available for a period of three years.

The Department of Electronic Systems is one of the largest departments at Aalborg University with a total of more than 250 employees. The department is internationally recognized in particular for its contributions within Information and Communication Technology (ICT). The research and teaching of the Department of Electronic Systems focus on electronic engineering and the activity areas are organized in the sections: Antennas, Propagation and Millimetre-wave Systems section (APMS), Automation Control section (Control), Connectivity section (CNT), Signal and Information Processing section (SIP), Wireless Communication Networks section (WCN) and Communication, Media and Information technologies (CMI).

The department focuses on maintaining a close interplay with the university's surroundings - locally, nationally and internationally - as well as producing unique basic research and educating talented and creative engineers. The department collaborates with leading ICT researchers all over the world.

Job description

Most hearing-impaired listeners benefit from hearing-aid treatment, but some do not. Some may have near normal hearing threshold and not benefit from sensitivity compensation, and yet experience difficulties in adverse listening conditions or during spoken communication in daily life. Some may be challenged by tinnitus. Populations with specific noise exposure history will be of interest in the light of recent findings on auditory synaptopathy and neural degeneration despite normal hearing sensitivity.

It is the aim of the post doc project to explore options for alleviation of these patients' hearing problems, and to obtain more knowledge about the characteristics of these patient populations. The work will include the consideration of electrophysiological measurements and/or psychoacoustic procedures, which are not currently used in the typical clinical situation. The work will also include proposals for supplementary profiling and alleviation strategies.

The position is part of a Danish project collaboration for better hearing rehabilitation (BEAR) with financial support from the Innovation Foundation Denmark and partners (incl. Widex, GN Resound, Oticon, DELTA a part of Force, the University of Southern Denmark, the Danish Technical University, and the University Hospitals in Odense, Aalborg and Copenhagen). The case populations for the study is determined in collaboration with other partners, and is based on the already ongoing clinical work in the BEAR project. There will be close collaboration to (among other) SDU, where a parallel PhD project with mutual interests is about to start, and with DTU where many of the relevant test batteries are being investigated.

The successful candidate holds a PhD within a field related to audiology, hearing-aid technology, acoustics or a related field, and has a strong interest in audiology and hearing aids. It is further a requirement that the candidate has a solid knowledge of psychoacoustics, audiological and relevant electrophysiological measurements. Knowledge of hearing-aid technology, matlab or similar programming languages is an advantage. Proficiency in Danish (or willingness to learn) is an advantage due to potential patient contact.

You may obtain further information from Professor Dorte Hammershøi (phone: +45 9940 8705, email: dh@es.aau.dk).

Qualification requirements:

Appointment as Postdoc presupposes scientific qualifications at PhD-level or similar scientific qualifications. The research potential of each applicant will be emphasized in the overall assessment. Appointment as a Postdoc cannot exceed a period of four years in total at Aalborg University.

The application must contain the following:

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Workplace

Aalborg

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Deadline

07/01/2018

Apply online

Aalborg University (AAU) conducts teaching and research to the highest level in the fields of humanities, engineering, and natural, health, and social sciences.

[top](#)



AALBORG UNIVERSITET

Fakultetkontoret for
Det Teknisk-Naturvidenskabelige Fakultet
og Det Sundhedsvidenskabelige Fakultet

Dokument dato: 2. januar 2018

Dokumentansvarlig: Mark Frahm Gammel-
jord

Mødeforum og dato:	Akademisk Råd på TECH 10. januar 2018
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Sagsfremstilling til møder

Overskrift og varighed:	Forretningsorden for Akademisk Råds møder (20 min)
Sagsbehandler:	Mark Frahm Gammeljord
Sagsfremstilling:	<p>Akademisk Råd på TECH har ønsket en mere effektiv og digital tildeling af ph.d.-grader og nedsættelse af bedømmelsesudvalg, og har vedtaget en forsøgsordning med skriftlig forhåndsgodkendelse, der skal træde i kraft pr. 1. februar 2018 (se evt. sagsfremstilling og referat fra møde 20175).</p> <p>Rådet har hidtil benyttet Standardforretningsorden for kollegiale organer ved Aalborg Universitet. Heri defineres det, at "Akademisk Råd udøver sin virksomhed i møder".</p> <p>Som konsekvens af den vedtagne forsøgsordning er det derfor nødvendigt at vedtage en ny forretningsorden for Akademisk Råd, for på gyldig vis at kunne forhåndsgodkende ph.d.-grader og nedsætte sagkyndige udvalg.</p> <p>Ved udarbejdelsen af udkast til ny forretningsorden er der taget udgangspunkt i forretningsorden for Akademisk Råd på Det Sundhedsvidenskabelige Fakultet, senest revideret marts 2016, idet SUND gennem flere år har benyttet sig af skriftlige godkendelser.</p> <p>Læsevejledning: Sort skrift: Svarer til gældende standardforretningsorden Grøn skrift: Tilføjelse til gældende standardforretningsorden Rød skrift: Slettede passager i gældende standardforretningsorden</p> <p>Tilføjelser er dels begrundet i den nye proces med skriftlige forhåndsgodkendelser, dels i tilpasning til nuværende praksis. Ændrede paragrafnumre er ikke markeret.</p>
Indstilling:	Det indstilles, at Akademisk Råd drøfter det fremsendte udkast til forretningsorden, således at evt. uklarheder kan belyses og tilretninger kan foretages forud for vedtagelse af ny forretningsorden for Akademisk Råd i 2018.
Bilag:	Bilag 1: Udkast til forretningsorden for Akademisk Råd på Det Tekniske Fakultet for IT og Design på Aalborg Universitet

	Bilag 2: Standardforretningsorden for kollegiale organer ved Aalborg Universitet
Beslutning:	

30. maj 2005

AT/lt

J.nr. 2005-003/01-0002

STANDARDFORRETNINGSORDEN FOR KOLLEGIALE ORGANER VED AALBORG UNIVERSITET

I henhold til vedtægt for Aalborg Universitet fastsættes herved følgende standardforretningsorden for de kollegiale organer ved universitetet:

De kollegiale organers møder

§ 1. De kollegiale organer udøver deres virksomhed i møder.

Stk. 2. Der fastsættes årligt en mødeplan for de akademiske råds, institutudvalgenes og studienævnenes ordinære møder.

Stk. 3. Ekstraordinære møder i de i stk. 2 nævnte organer afholdes, når formanden finder det fornødent. Formanden er forpligtet til at indkalde til ekstraordinært møde, når 1/3 af det kollegiale organs medlemmer skriftligt fremsætter begæring herom med angivelse af dagsorden. Mødet skal i så fald afholdes inden 14 dage efter formandens modtagelse af begæringen. Såfremt begæringen vedrører en sag, hvor en tidsfrist indebærer, at sagen ændrer karakter eller forpasses, er formanden forpligtet til at søge mødet afholdt inden fristens udløb.

§ 2. Møderne er åbne medmindre det på grund af sagens beskaffenhed eller omstændighederne i øvrigt findes nødvendigt at behandle en sag for lukkede døre. Alle personsager, samt sager, hvori indgår oplysninger om kontraktforhandlinger med private eller tilsvarende forhandlinger med offentlige samarbejdspartnere, og sager, der er omfattet af forvaltningslovens bestemmelser om tavshedspligt, skal behandles for lukkede døre.

Stk. 2. Formanden kan bestemme, at drøftelsen om, hvorvidt en sag skal behandles for lukkede døre, foregår for lukkede døre.

Stk. 3. Sager, der behandles for lukkede døre, behandles så vidt muligt sidst.

§ 3. Et medlem af et kollegialt organ, der har forfald, har pligt til forud for mødet at meddele dette til formanden eller sekretæren.

§ 4. Enhver har - i det omfang pladsforholdene tillader det - adgang til at overvære de kollegiale organers åbne møder under iagttagelse af god ro og orden. Såfremt en tilhører forstyrrer forhandlingerne, kan formanden udelukke den pågældende eller om fornødent samtlige tilhørere fra mødet.

Mødeindkaldelser og sagers fremlæggelse

§ 5. Dagsordenen og de for sagsbehandlingen nødvendige oplysninger udsendes mindst 5 arbejdsdage før mødets afholdelse. Såfremt særlige grunde gør det påkrævet, kan indkaldelse efter formandens eller rektors bestemmelse ske med kortere varsel.

Stk. 2. Optagelse af punkter på dagsordenen kan kræves af hvert medlem og af rektor. Dagsordenspunkter til ordinære møder samt materiale til disse skal være sekretæren eller formanden i hænde senest 8 dage før mødets afholdelse. Formanden eller rektor kan dog, når særlige grunde taler derfor, dispensere fra denne frist.

Stk. 3. Det kollegiale organ vedtager selv sin endelige dagsorden ved mødets begyndelse. Ethvert medlem har i denne forbindelse ret til at få ordet.

Oplysninger, der er tilvejebragt til bedømmelse af sagerne, og som ikke er udsendt efter stk. 1 skal fremlægges til medlemmernes eftersyn inden den nævnte frist på den pågældende sekretærs kontor.

Beslutning kan kun træffes i sager, der er optaget som selvstændige punkter på den udsendte dagsorden. Der kan dog træffes beslutning i hastende sager, selvom disse ikke er på dagsordenen, hvis 2/3 af medlemmerne er til stede og tiltræder, at sagen behandles.

Stk. 4. Dagsorden for møder i akademisk råd, institutudvalg og studienævn offentliggøres på nettet samtidig med udsendelsen til de kollegiale organer. Ved offentliggørelsen foretages nødvendige ændringer af dagsordenens formulering til sikring af, at denne ikke indeholder oplysninger, som er undergivet tavshedspligt.

Stk. 5. I de tilfælde, hvor det findes af betydning for en sags behandling, kan de kollegiale organer indkalde udenforstående til mødet til at deltage i sagens behandling uden stemmeret.

Mødets afholdelse, mødeledelse, forhandling og afstemninger

§ 6. Det kollegiale organ er beslutningsdygtigt, såfremt mindst halvdelen af medlemmerne er til stede.

Stk. 2. Ved mødets begyndelse registrerer formanden medlemmernes antal og konstaterer, om det kollegiale organ er beslutningsdygtigt og indkaldt med lovligt varsel. Forlader et medlem mødet på grund af forfald, underrettes sekretæren.

§ 7. Formanden leder møderne. Formanden træffer bestemmelse i alle spørgsmål vedrørende forhandlingernes ledelse og iagttagelse af god orden under mødet. Endvidere formulerer formanden de forslag, om hvilke der skal stemmes, og fastlægger afstemningsproceduren. Et medlem kan dog altid forlange, at et af vedkommende fremsat og formuleret forslag sættes under afstemning.

Stk. 2. Er der fremsat mere end 2 hovedforslag, afgør formanden, om afstemningen skal foretages med relativt flertal, således at forslag, der har fået flest af de afgivne stemmer, er vedtaget, eller om afstemningen skal foretages over flere omgange.

Er der til et hovedforslag fremsat et eller flere ændringsforslag, skal der først afstemmes om ændringsforslaget eller ændringsforslagene. I tilfælde af flere ændringsforslag skal det efter formandens skøn mest vidtgående ændringsforslag sættes under afstemning først.

Stk. 3. Afstemning sker ved håndsoprækning. Et medlem kan dog kræve skriftlig afstemning.

Stk. 4. Fremkommer der på et møde forslag om større ændringer til en indstilling mv., eller er meningerne stærkt divergerende, kan formanden bestemme, at sagen udskydes til endelig afgørelse på et senere møde. I tilslutning hertil kan formanden bestemme, at ændringsforslag skal foreligge skriftligt til udsendelse forud for dette senere møde, således at der - bortset fra rene justeringer - ikke ved den efterfølgende drøftelse kan stilles andre ændringsforslag end dem, der er udsendt forud for mødet.

§ 8. Hvor formanden vurderer, at der kan forventes tilslutning til et fremsat forslag, ved en evt. afstemning foreslår formanden, at forslaget betragtes som vedtaget uden afstemning. Såfremt intet medlem herefter forlanger afstemning, kan formanden erklære sagen for afgjort i overensstemmelse med sin tilkendegivne opfattelse.

§ 9. Beslutninger træffes ved almindeligt stemmeflertal blandt de fremmødte medlemmer, medmindre andet er særligt lovhjemlet for specielle sagsområder.

Stk. 2. Står stemmerne lige er formandens stemme udslagsgivende.

Bemyndigelse

§ 10. Akademisk råd og studienævn kan i særlige tilfælde bemyndige hhv. dekanen og studielederen til at træffe afgørelse i de under akademisk råd eller studienævnet hørende sager.

Valg af formand og næstformand i studienævn

§ 11. Studienævnet vælger på det første møde efter nyvalg af sin midte en formand blandt de heltidsansatte videnskabelige medarbejdere og en næstformand blandt de studerende. Formanden leder studienævnets møder. Studienævnets formand og næstformand forbereder møderne i fællesskab.

Stk. 2. Indtil valg har fundet sted, ledes studienævnets møde af en ordstyrer, der vælges ved enstemmighed af og blandt studienævnets medlemmer. Kan der ikke opnås enighed, ledes mødet af studienævnets ældste medlem (biologisk alder).

Stk. 3. Studienævnet vælger på første møde efter nyvalg, hvem der indstilles til dekanen som studieleder, normalt studienævnsformanden. Indstilles en anden end studienævnsformanden, eller indstilles flere studieledere, skal dette begrundes. Dekanen kan godkende, at studieleders ansvarsområde går på tværs af studienævn.

Institutudvalg

§ 12. Institutudvalget rådgiver institutlederen om generelle retningslinjer for instituttets virksomhed og udvikling, om forskningsplaner, om undervisningsplaner og andre overordnede forhold. Institutudvalget orienteres om og kan knytte bemærkninger til instituttets budget og regnskab. Dekanen fastlægger de nærmere retningslinjer for institutudvalgets funktion og samspil med institutlederen.

Medlemmernes deltagelse i forhandlinger og afstemninger

§ 13. Det er en tjenesteplicht for universitetets medarbejdere at indtræde i de i vedtægten omtalte kollegiale organer, såfremt de vælges eller udpeges hertil. Det er endvidere en tjenesteplicht at modtage valg til posten som formand for studienævnet og at modtage udpegning som studieleder.

Medlemmer af universitetets kollegiale organer har pligt til at deltage i disses møder.

Stk. 2. Når et valgt medlem af et kollegialt organ mister sin valgbarhed i løbet af valgperioden¹, eller erklæres inhabil², eller når et medlem ved fravær af længere varighed er ude af stand til at deltage i det kollegiale organs arbejde³, indkaldes den pågældendes suppleant.

Stk. 3. Et kollegialt organ kan træffe beslutning om, at et medlem af organet har en sådan uvedkommende interesse i en sag, hvorom der skal træffes beslutning, at vedkommende er udelukket fra at deltage i forhandlinger og afstemninger i sagen efter almindelige regler om inhabilitet.

Stk. 4. Medlemmet skal underrette det kollegiale organ, hvis der foreligger forhold, der bevirker inhabilitet, eller som kan give anledning til tvivl om vedkommendes habilitet. Medlemmet skal så vidt muligt give formanden meddelelse om sådanne forhold inden mødets afholdelse. Det kollegiale organ afgør herefter, hvorvidt det pågældende medlem skal vige sædet under sagens behandling, jf. stk. 3. Et medlem kan ikke være til stede og deltage i behandlingen af og afstemninger om spørgsmål vedrørende sin habilitet.

Referater og ekspedition af de behandlede sager

§ 14. Der udarbejdes referat af de kollegiale organers møder. Det kollegiale organs beslutninger refereres som beslutningsreferat, mens der for øvrige punkter udarbejdes et kort orienteringsreferat. Referatet udsendes til godkendelse på organets næste møde. Mødereferater lægges på nettet.

Stk. 2. Ethvert af medlemmerne, faste observatører samt de i henhold til § 5, stk. 5 tilkaldte personer, kan forlange sin afvigende mening kort optaget i beslutningsreferatet. Et sådant forlangende skal fremsættes inden dagsordenspunktets færdigbehandling med angivelse af indholdet heraf.

¹ fx ved ansættelses- eller studieophør eller ved overflytning til et andet fakultet institut eller studienævn

² i sager hvor organet har beslutningskompetence. Suppleanten indkaldes ad hoc til det pågældende punkt på dagsordenen

³ fx pga. sygdom eller bortrejse. Godkendes fraværet som lovligt, indtræder suppleanten for fraværsperioden

Stk. 3. Referatet skal i øvrigt indeholde oplysning om, hvilke medlemmer der var til stede ved mødets begyndelse, jf. § 6, stk. 2.

Stk. 4. Ekspeditionen af de af det kollegiale organ behandlede sager påhviler formanden, der herved bistås af universitetets administration. Henvendelser fra de kollegiale organer eller deres formand til myndigheder uden for institutionen skal ekspederes gennem rektor.

Spørgsmål vedrørende forretningsordenens forståelse

§ 15. Ethvert medlem er forpligtet til foreløbigt at rette sig efter formandens afgørelse med hensyn til forståelsen af forretningsordenens bestemmelser, indtil anden afgørelse er truffet af rektor.



AALBORG UNIVERSITET

Fakultetskontoret for
ENGINEERING, SUND og TECH

Dokument dato: 2. januar 2018

Dokumentansvarlig: Mark Frahm Gammel-
jord

Forretningsordenen for Akademisk Råd, Det Tekniske Fakultet for IT og Design, Aalborg Universitet

Forretningsordenen er godkendt på Akademisk Råds møde den x.x.xxx.

Denne forretningsorden er udarbejdet på grundlag af AAU's vedtægt §§ 23 og 24, Universitetsloven § 15 samt Standardforretningsordenen for kollegiale organer ved AAU.

Rådets sammensætning

§ 1. Akademisk Råd har dekanen som født medlem af rådet og består derudover af 14 medlemmer, 10 repræsentanter valgt af og blandt VIP, herunder ph.d.-studerende, og 4 repræsentanter valgt af og blandt de studerende.

Stk. 2. Repræsentanter for VIP herunder ph.d. studerende er valgt for 4 år ad gangen, mens studerende er valgt for 1 år.

Stk. 3. Valg af Rådets medlemmer sker efter de gældende valgeregler.

Stk. 4. Der udpeges 2 TAP-observatører til akademisk råd. Endvidere har formanden mulighed for yderligere at udpege en eller flere observatører.

Valg af formand i akademisk råd

§ 2. Akademisk råd vælger en formand blandt sin midte på det første møde efter nyvalg. Formanden leder akademisk råds møder.

Akademisk råds møder

§ 3. Akademisk råd udøver sin virksomhed i møder.

Stk. 2. Der fastsættes årligt en mødeplan for de akademiske råds ordinære møder. **Mødeplan godkendes af akademisk råds medlemmer.**

Stk. 3. Ekstraordinære møder i akademisk råd afholdes, når formanden finder det fornødent. Formanden er forpligtet til at indkalde til ekstraordinært møde, når 1/3 af akademisk råds medlemmer skriftligt fremsætter begæring herom med angivelse af dagsorden. Mødet skal i så fald afholdes inden 14 dage efter formandens modtagelse af begæringen. Såfremt begæringen vedrører en sag, hvor en tidsfrist indebærer, at sagen ændrer karakter eller forpasses, er formanden forpligtiget til at søge mødet afholdt inden fristens udløb.

§ 4. Møderne er åbne, medmindre det på grund af sagens beskaffenhed eller omstændighederne i øvrigt findes nødvendigt at behandle en sag for lukkede døre. Alle personsager, samt sager, hvori indgår oplysninger om kontraktforhandlinger med private eller tilsvarende forhandlinger med offentlige samarbejdspartnere, og sager, der er omfattet af forvaltningslovens bestemmelser om tavshedspligt, skal behandles for lukkede døre.

Stk. 2. Formanden kan bestemme, at drøftelsen om, hvorvidt en sag skal behandles for lukkede døre, foregår for lukkede døre.

Stk. 3. Sager, der behandles for lukkede døre, behandles så vidt muligt sidst.

Stk. 4. Akademisk råds faste observatører deltager under behandlingen af såvel åbne som lukkede punkter.

Stk. 5. Et medlem af akademisk råd, der har forfald, har pligt til forud for mødet at meddele dette til formanden eller sekretæren for akademisk råd

Stk. 6. Enhver har - i det omfang pladsforholdene tillader det - adgang til at overvære akademisk råds åbne møder under iagttagelse af god ro og orden. Såfremt en tilhører forstyrrer forhandlingerne, kan formanden udelukke den pågældende eller om fornødent samtlige tilhørere fra mødet.

Mødeindkaldelser og sagernes fremlæggelse

§ 5. Dagsordenen og de for sagsbehandlingen nødvendige oplysninger udsendes mindst 5 arbejdsdage før mødets afholdelse. Såfremt særlige grunde gør det påkrævet, kan indkaldelse efter formandens eller rektors bestemmelse ske med kortere varsel.

Stk. 2. Udsendelsen af dagsorden og bilag (herunder bilag til lukkede punkter) sker via e-mail, hvor der henvises til akademisk råds intranet, hvor materialet kan downloades. Akademisk råds intranet er adgangsbe-grænset på personniveau, hvormed adgangen til bilag til lukkede punkter afgrænses for offentligheden.

Stk. 3. Optagelse af punkter på dagsordenen kan kræves af hvert medlem og af rektor. Dagsordenspunkter til ordinære møder samt materiale til disse skal være sekretæren eller formanden i hænde senest 8 dage før mødets afholdelse. Formanden eller rektor kan dog, når særlige grunde taler derfor, dispensere fra denne frist.

Stk. 4. Akademisk råd vedtager selv sin endelige dagsorden ved mødets begyndelse. Ethvert medlem har i denne forbindelse ret til at få ordet.

Oplysninger, der tilvejebragt til bedømmelse af sagerne, og som ikke er udsendt efter stk. 1 skal fremlægges til medlemmernes eftersyn inden den nævnte frist på den pågældende sekretærs kontor.

Beslutning kan kun træffes i sager, der er optaget som selvstændige punkter på den udsendte dagsorden. Der kan dog træffes beslutning i hastende sager, selvom disse ikke er på dagsordenen, hvis 2/3 af medlemmerne er til stede og tiltræder, at sagen behandles.

Stk. 5. Dagsorden for møder i akademisk råd offentliggøres på fakultets hjemmeside samtidig med udsendelsen til rådets medlemmer. Ved offentliggørelsen foretages nødvendige ændringer af dagsordenens formulering til sikring af, at denne ikke indeholder oplysninger, som er underlagt tavshedspligt.

Stk. 6. I de tilfælde, hvor det findes af betydning for en sags behandling, kan akademisk råd indkalde udenforstående til mødet til at deltage i sagens behandling uden stemmeret.

Mødets afholdelse, mødeledelse, forhandling og afstemninger

§ 6. Akademisk råd er beslutningsdygtigt, såfremt mindst halvdelen af medlemmerne er til stede.

Stk. 2. Ved mødets begyndelse registrerer formanden medlemmernes antal og konstaterer, om akademisk råd er beslutningsdygtigt og indkaldt med lovligt varsel. Forlader et medlem mødet på grund af forfald, underrettes sekretæren.

§ 7. Formanden leder møderne. Formanden træffer beslutning i alle spørgsmål vedrørende forhandlingernes ledelse og iagttagelse af god orden under mødet. Endvidere formulerer formanden de forslag, om hvilke der skal stemmes, og fastlægger afstemningsproceduren. Et medlem kan dog altid forlange, at et af vedkommende fremsat og formuleret forslag sættes under afstemning.

Stk. 2. Er der fremsat mere end 2 hovedforslag, afgør formanden, om afstemningen skal foretages med relativt flertal, således at forslag, der har fået flest af de afgivne stemmer, er vedtaget, eller om afstemningen skal foretages over flere omgange.

Er der til et hovedforslag fremsat et eller flere ændringsforslag, skal der først afstemmes om ændringsforslaget eller ændringsforslagene. I tilfælde af flere ændringsforslag skal, det efter formandens skøn, mest vidtgående ændringsforslag sættes under afstemning først.

Stk. 3. Afstemning sker ved håndsoprækning. Et medlem kan dog kræve skriftlig afstemning.

Stk. 4. Fremkommer der på et møde forslag om større ændringer til en indstilling mv., eller er meningene stærkt divergerende, kan formanden bestemme, at sagen udskydes til endelig afgørelse på et senere møde. I tilslutning hertil kan formanden bestemme, at ændringsforslag skal foreligge skriftligt til udsendelse forud for dette senere møde, således at der - bortset fra rene justeringer - ikke ved den efterfølgende drøftelse kan stilles andre ændringsforslag end dem, der er udsendt forud for mødet.

§ 8. Hvor formanden vurderer, at der kan forventes tilslutning til et fremsat forslag ved en evt. afstemning, foreslår formanden, at forslaget betragtes som vedtaget uden afstemning. Såfremt intet medlem herefter forlanger afstemning, kan formanden erklære sagen for afgjort i overensstemmelse med sin tilkendegivne opfattelse.

§ 9. Beslutninger træffes ved almindeligt stemmeflertal blandt de fremmødte medlemmer, medmindre andet er særligt lovhjemlet for specielle sagsområder.

Stk. 2. Står stemmerne lige, er formandens stemme udslagsgivende.

Medlemmernes deltagelse i forhandlinger og afstemninger

§ 10. Det er en tjenestepigt for universitetets medarbejdere at indtræde i de i vedtægten omtalte kollegiale organer, såfremt de vælges eller udpeges hertil.

Medlemmer af universitetets kollegiale organer har pligt til at deltage i disses møder.

Stk. 2. Når et valgt medlem af et kollegialt organ mister sin valgbarhed i løbet af valgperioden¹, eller erklæres inhabil², eller når et medlem ved fravær af længere varighed er ude af stand til at deltage i det kollegiale organs arbejde³, indkaldes den pågældendes suppleant.

Stk. 3. Et kollegialt organ kan træffe beslutning om, at et medlem af organet har en sådan uvedkommende interesse i en sag, hvorom der skal træffes beslutning, at vedkommende er udelukket fra at deltage i forhandlinger og afstemninger i sagen efter almindelige regler om inhabilitet.

Stk. 4. Medlemmet skal underrette det kollegiale organ, hvis der foreligger forhold, der bevirker inhabilitet, eller som kan give anledning til tvivl om vedkommendes habilitet. Medlemmet skal så vidt muligt give formanden meddelelse om sådanne forhold inden mødets afholdelse. Det kollegiale organ afgør herefter, hvorvidt det pågældende medlem skal vige sædet under sagens behandling, jf. stk. 3. Et medlem kan ikke være til stede og deltage i behandlingen af og afstemninger om spørgsmål vedrørende sin habilitet.

Stk. 4 Akademiisk råds medlemmer har pligt til at gøre opmærksom på egen inhabilitet under konkrete punkter. Det inhabile medlem forlader mødelokalet under behandlingen af det pågældende punkt. Medlemmers inhabilitet og udtræden af mødet under konkrete punkter noteres i mødets referat.

Bemyndigelse

§ 11. Akademiisk råd kan i særlige tilfælde bemyndige dekanen til at træffe afgørelse i de under akademiisk råd eller studienævnet hørende sager.

Referater og ekspedition af de behandlede sager

§ 12. Der udarbejdes referat af akademiisk råds møder. Akademiisk råds beslutninger refereres som beslutningsreferat, mens der for øvrige punkter udarbejdes et kort orienteringsreferat. Referatet udsendes til godkendelse på det efterfølgende akademiisk råds møde. Mødereferater lægges på fakultetets hjemmeside.

Stk. 2. Ethvert af medlemmerne, faste observatører samt de i henhold til § 7, stk. 6 tilkaldte personer, kan forlange sin afvigende mening kort optaget i beslutningsreferatet. Et sådant forlangende skal fremsættes inden dagsordenspunktets færdigbehandling med angivelse af indholdet heraf.

Stk. 3. Referatet skal i øvrigt indeholde oplysning om, hvilke medlemmer der var til stede ved mødets begyndelse, jf. § 8, stk. 2.

Stk. 4. Ekspeditionen af de af akademisk råd behandlede sager påhviler formanden, der herved bistås af universitetets administration. Henvendelser fra akademisk råd eller deres formand til myndigheder uden for institutionen skal ekspederes gennem rektor.

Skriftlige høringer

§ 13. Mellem de ordinære møder i akademisk råd udsendes ordinære skriftlige høringer med det formål, at nedsætte bedømmelsesudvalg til videnskabelige stillinger samt at forhåndsgodkende tildeling af ph.d.-grader.

Stk. 2. Der fastsættes årligt en plan for de skriftlige høringsfrister. Planen godkendes af akademisk råds medlemmer.

Stk. 3. Sager behandlet via skriftlig høring kan kun godkendes med aktiv og enstemmig skriftlig tilbagemelding til sekretæren for akademisk råd. Ved indsigelser til de udsendte sager medtages den pågældende sag til behandling på det efterfølgende akademiske råds møde.

Spørgsmål vedrørende forretningsordenens forståelse

§ 14. Ethvert medlem er forpligtet til at rette sig efter formandens afgørelse med hensyn til forståelsen af forretningsordenens bestemmelser, indtil anden afgørelse er truffet af rektor.