



AALBORG UNIVERSITET

Den 3. april 2017

**Det Tekniske Fakultet for IT og Design**

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### Skriftlig høring TECH Akademisk Råd pr. 5. april 2017

1.	<b>Indstilling vedr. sammensætning af sagkyndigt udvalg vedr. professor stillingen i:</b> A. "Digital Design and Advanced Fabrication techniques within Architecture and Building Design" ved institut for Arkitektur og Medieteknologi (stilling 60119) <b>Bilag 050417-1</b>
2.	<b>Indstilling vedr. sammensætning af sagkyndigt udvalg vedr. lektor stillingen i:</b> A. "Problem Based Learning and Engineering Education" ved Institut for Planlægning (stilling 42219) <b>Bilag 050417-2</b>
3.	<b>Indstillinger vedr. sammensætning af sagkyndigt udvalg vedr. adjunkt stillingen i:</b> A. "Theories of Social Practice and Sustainability" ved Institut for Planlægning (stilling 201709) <b>Bilag 050417-3</b>

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

Det gælder for såvel bedømmelsesudvalg nedsat via de skriftlige høringer som ved de ordinære møder.

**Fortegnelse over bedømmelsesudvalg til  
stilling 60119 Five-year research Professorship in Digital Design and Advanced Fabrication  
techniques within Architecture and Building Design ved Department of Architecture Design and  
Media Technology**

**Navn:** Professor emerita og ekstern lektor Mary-Ann Knudstrup (ansat som professor indtil 31.12.2016)

**Arbejdssted:** Department of Architecture Design and Media Technology

**E-mail:** mak@create.aau.dk

**Navn:** Professor Poul Henning Kirkegaard

**Arbejdssted:** Department of Engineering, Aarhus University

**E-mail:** phk@eng.au.dk

**Navn:** Professor Fredrik Nilsson

**Arbejdssted:** Department of Architecture, Chalmers University of Technology

**E-mail:** [fredrik.nilsson@white.se](mailto:fredrik.nilsson@white.se)

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.

# Five-year research Professorship in Digital Design and Advanced Fabrication techniques within Architecture and Building Design

## Position No.

60119

At the Technical Faculty of IT and Design, Department of Architecture, Design and Media Technology a five-year research professorship in Architecture and Building Design within the area Digital Design and Advanced Fabrication Techniques is open for appointment. The position is open for appointment from July 1st, 2017, or soon thereafter and for a period of 5 years.

The Department of Architecture, Design and Media Technology has as its goal the development of an innovative cluster of engineering-based environments for education and research which integrate creativity, engineering and technology within the disciplines of architecture, urban design, industrial design, digital design and interactive media. The department is a leading research and educational environment in Denmark that addresses the challenge of the interplay between creativity and technology, and develops new areas in research and education directed towards the end-user.

## Job description

At Aalborg University, Department of Architecture, Design, and Media Technology a five-year research professorship in Architecture and Building Design is open within the area Digital Design and Advanced Fabrication techniques.

By the professorship, Aalborg University wants to elaborate its position within architecture and building design research where we are QS ranked as the only Danish university among the top 100 universities worldwide and the top 50 universities in Europe in the area Architecture and the Build Environment.

The department wishes to increase its research on emerging techniques for digital design and prototyping that advance current practices within architecture and building design. The use of information technology opens possibilities not only for the design and fabrication process but also for new aesthetic expressions, which we wish to pursue with the professorship. The research is expected to address the above by:

- \* Challenging use of computation for design and manufacturing techniques and the development of new methods and technologies that enable a new flexibility between sketch, prototype, and finished project.
- \* Advancing fabrication methods to ensure a strong link between engineering insight, architectural and civil engineering innovation, and overall quality. These methods could include the use of robots, 3D printing, drones etc.
- \* Conducting experimental studies in research and practice: The development of a laboratory where innovation is the primary focus, in direct response to the many societal challenges of the 21st century regarding sustainable architecture and resource optimization.
- \* Exploring innovation structural design potentials in buildings with new advanced technologies and fabrication techniques.
- \* Contributing to further development of our international engineering graduate program in Architecture where tectonic architecture and computer-aided design is central.

The overall ambition is to achieve a better understanding of the limitations of "the machine" in relation to developments in architecture and building design, through an investigation of the emerging technologies possibilities.

The professorship is a full-time position for a five-year period with limited teaching responsibilities. We expect that the successful applicant will actively participate in the daily life at the department and fundraising to increase research activities within the area. The right candidate for the position will have a background or experience within architecture, civil or architectural engineering or a cross-over between the areas.

The Obel Family Foundation is financing the professorship that is affiliated to the department's section for architecture and urban design.

Your motivated application must contain a primarily research plan (1-2 pages), preferable contact information to two or three references, a CV, a link to either your Google scholar profile, ResearcherID or a unique search profile or query from Web of Science or Publish or Perish with your publication and citation record.

You may obtain further professional information from Head of Department Hans Jørgen Andersen, by tel.: +45 9940 8834 or mail [hja@create.aau.dk](mailto:hja@create.aau.dk)

## Qualification requirements:

The successful applicant can demonstrate a documented high level of original scientific production at an international level, including proven further development of the research area in question. An

assessment of the candidate's undertaking of research management and/or other possible management functions will also be taken into account. In addition the applicant is expected to have the qualifications required for undertaking teaching responsibilities. Special contributions to and development of educational and teaching related areas will be considered 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).
- 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](mailto:ach@adm.aau.dk) or phone (+45) 9940 9680.

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

#### **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**

14/04/2017

#### **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.

## HR-TECH

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**Fra:** Hans Jørgen Andersen  
**Sendt:** 29. marts 2017 09:56  
**Til:** Lene Grundahl  
**Emne:** Mary-Ann som formand for bedømmelsesudvalg

Til akademisk råd ved TECH,

I forbindelse med bedømmelsesudvalget til stillingen:

Research professorship in digital design and advanced fabrication techniques within architecture and building design,

Vil jeg gerne anmode om at få lov til at anvende ekstern lektor og professor emerita Mary-Ann Knudstrup som formand for bedømmelsesudvalget.

Mary-Ann fratrådte sit professorat i 31/21-2016 og har siden været ansat som ekstern lektor ved Create.

Mary-Ann er stadig forskningsaktiv og fungerer, som leder af forskningsgruppen for bæredygtigt arkitektur.

Instituttet er desværre i den situation at Mary-Ann er det eneste interne professor indenfor området arkitektur derfor for denne anmodning.

Med venlig hilsen

Hans Jørgen Andersen



**Hans Jørgen Andersen**

Head of Department, Professor | Department of Architecture, Design and Media Technology

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# CURRICULUM VITAE - POUL HENNING KIRKEGAARD

## Personal Data

**Name:** Poul Henning Kirkegaard (PHK)

**Date of birth:** August 8, 1962

**Nationality:** Danish

**Home Address:** Ferren 52, 9492 Blokhus, Denmark

**Phone:** + 45 24633279

**Email:** phk@eng.au.dk

## Education

1991: Ph.D. in Optimal Design of System Identification Experiments, December, 1991.

1988: M.Sc. degree in civil and structural engineering, June 1988.

## Professional Experience

2014- : Aarhus University, Department of Engineering, Full Professor in Engineering and Architectural Design

2010- 2014: Aalborg University, Department of Civil Engineering, Full Professor in Innovative Design of Structures

2001- 2010: Aalborg University, Department of Civil Engineering, Associate Professor.

1995- 2000: Aalborg University, Department of Building Technology and Structural Engineering, Associate Professor.

1991- 1995: Aalborg University, Department of Building Technology and Structural Engineering, Assistant Professor.

1988- 1991: Aalborg University, Department of Building Technology and Structural Engineering, PhD-student.

## Scientific focus areas from

- *Adaptive Structures*
  - responsive building envelopes
  - shape and vibration control of kinetic structures (multi-body analysis)
  - wireless sensors networks system
- *Computational Morphogenesis*
  - digital tools for conceptual design, parametric design, performance aided design
  - form finding, biomimetic design
  - topology, size and shape optimization of structures
- *Tectonic Form and Design*
  - building and room acoustics
  - innovative timber structures, cross laminated timber structures
  - organic shape concrete structures, prefabrication
  - robustness of structures
  - tectonic theory, research by design
- *Evidence Based Design*
  - hospital design

## Participation in Major Research Projects

1988-1995: STVF - Response of Offshore Structures

1998-2002: STVF - Damping Mechanisms in Dynamics of Structures and Materials

1997: Brite - EuRam project CT96-0277, Project SIMCES (sub-task-leader)

2006: EU COST E55 - Modeling of the performance of timber structures (sub-task-leader)

2007: EU COST TU601 - Robustness of Structures (sub-task-leader)

2009: EU COST FP0702 - Acoustics for Timber based Lightweight Buildings end Elements

2010-2013: Interreg IV - Silent Spaces (sub-task-leader)

2013-2015: The Danish National Advanced Technology Foundation - AdaptiveMould

## PhD Student guidance

- Marcin Wahulec: Power Flow and Structure Borne Noise - in Medium Frequency Range (2002)
- Anders Liingaard: Analysis of Structure Borne Noise in Building Structures (2002)
- Anna Marie Due Schmidt: The Tectonic Practice: In the transition from the pre-digital to the digital era (2007).
- Jens Klitgaard: Interactive Structural Design and Optimization (2008)

- Ida Wraber: Wood house of the Future - Project for Architectural Quality in Industrialized Wood House Construction (2009)
- Marie Frier: Architecture in the Future Industrialized House (2010)
- Anne K. Bejder: Solid Wood house of the Future (2011)
- Lone Stidsen: Artificial Lighting in Hospital Wards (2013)
- Tenna Doktor: Designing: Food-Scapes (2013)
- Kristoffer A. Dickow: Prediction of Noise Transmission in Lightweight Building Constructions (on-going)
- Malene Holst: Parametric Modelling of Hospitals (on-going)
- Lars Broson Fich: Towards a Neuroaffective Approach to Healing Architecture (on-going)
- Nevena Perisic: System Identification of Wind turbines for Structural Health Monitoring (on-going)
- Frederik Hald: Timber Plate Based Tensegrity Structures (on-going)

### Assessments boards

PHK has participated in the assessment of 3 full professorship applications, 14 associate and assistant professorship applications and a numerous of PhD applications. Further PHK has been PhD examiner for Klaus Munk Rasmussen (1999), Michael Mullins (2004), Jesper Winther Larsen (2005), Kristian Holm Jørgensen (2009), Henrik Steensgaard Toft (2010), Jannie Søderkær Jessen (2013), Mette Folmer (2013).

### Awards

- Teacher of the year, A-studyboard, 2004.
- 'Det Gyldne Snit – 2008' for the video production [157] together with Mobile Video, Aalborg University
- Best paper in journal 2010: M. Frier, A. M. Fisker and P.H Kirkegaard (2010). Prefab-Interiority: Design Principles for a Sensuous Prefab Practice. Design Principles and Practices: An International Journal. Volume 4, Number 2, 2010

### Other Activites (selected major ):

- Invited speaker at IUTAM conference, Wuppertal, Germany, 1993.
- Invited speaker at EU - Joint Research Center, Ispra, Italy, 1993.
- Invited speaker at DAMAS-95 conference, Pescara, Italy, 1995.
- Invited speaker at EU - Joint Research Center, Ispra, Italy, 1997.
- Preconference course at IMAC, 1997.
- Collaboration with Olafur Eliason Studio, Berlin, 2005. Response Simulation of a Harmonograph.
- Invited speaker at The Danish Society of Engineers (IDA) meeting, 2005.
- Invited speaker at Nordic Timber Towns conference, Växjö, 2006.
- Exhibition at the 10<sup>th</sup> International Architecture Exhibition, Venice Biennale, 2006. NORA - Pavllion, project together with a group of students and teachers from Architecture & Design.
- Invited speaker at Danish Society of Concrete meeting, 2009.
- Invited speaker at the Performance Design – Environmental Response workshop, Aalborg, 2010.
- Invited speaker at the Performance Design workshop, Odense, 2010.
- Invited speaker at Civil-Comp 2013.
- Consultant by Rambøll , 1995-2000.
- DANAK technical assessor for measurement of dynamic response.
- External examiner for Civil engineering and Building Acoustic educations at DTU, SDU.
- External examiner of EU projects

### Publications

PHK has been author or co-author of 36 articles and 165 peer reviewed conference papers. PHK has 66 WOS publications with 102 citations. H-index = 7 (WOS), H-Index =17 (google scholar)

## List of Publications

### Journal papers:

1. P.H. Kirkegaard, I. Enevoldsen, J.D. Sørensen and R. Brincker (1990). Reliability Analysis of Mono-Tower Platform. *Journal of Offshore Mechanics and Arctic Engineering*, Vol. 112, august 1990.
2. P.H. Kirkegaard, J.D. Sørensen and R. Brincker (1991). Fatigue Reliability Analysis of A Mono-Tower Platform. *Marine Structures*, Vol. 4, 1991.
3. J.L. Jensen, P.H. Kirkegaard and R. Brincker (1992). Modal and Wave Load Identification by ARMA Calibration. *Journal of Engineering Mechanics*, Vol. 118, No. 6, June. 1992.
4. R. Brincker, S. Krenk, P.H. Kirkegaard and A. Rytter (1992). Identification of Dynamical Properties from Correlation Function Estimates. *Danish Society for Structural Science and Engineering*, Vol. 63, No. 1, pp. 1-38.
5. P.H. Kirkegaard and R. Brincker (1994). On the Optimal Location of Sensors for Parametric Identification of Linear Structures. *Journal of Mechanical Systems and Signal Processing*, Vol. 8, No. 4, 1994.
6. N.B. Sørensen and P.H. Kirkegaard (1995). Dynamic Parameters as Damage Indicators for Fibre Reinforced Matrices. *Journal of Nordic Concrete Research*, 1995.
7. P. Skjærbræk, B. Taskin, P.H. Kirkegaard, S.R.K. Nielsen (1997). An Experimental Study of a Midbroken 2-bay, 6-storey Reinforced Concrete Frame Subject to Earthquakes. *Soil Dynamics and Earthquake Engineering*. Vol. 16, No. 6, august 1997, pp. 373-384
8. H.U. Köyliüoğlu, S.R.K. Nielsen, A.S. Çakmak and P.H. Kirkegaard (1997). Prediction of Global and Localized Damage and Future Reliability for RC structures subject to earthquakes. *Earthquake Engineering and Structural Dynamics*. Vol. 26, No. 4, April 1997, pp. 463-475
9. P.S. Skjærbræk and P.H. Kirkegaard (1997). Detecting Damage in Civil Engineering Structures from Seismic Response. *IMAC News*, Vol.2, No.1, 1997.
10. P.S. Skjærbræk, S.R.K. Nielsen, P.H. Kirkegaard and A.S. Çakmak (1998). Damage Localization and Quantification of Earthquake Excited RC-frames. *Earthquake Engineering and Structural Dynamics* Vol. 27, No. 9, September 1998, pp. 903-916.
11. P.S. Skjærbræk, S.R.K. Nielsen and P.H. Kirkegaard (1998). Earthquake Tests of Reinforced Concrete Frames. *Nordic Concrete Research*, 1998.
12. S.R.K. Nielsen, P.H. Kirkegaard and L. Thesbjerg (1999). Active Vibration Control of a Mono-pile Offshore Structure. *Structural Control and Health Monitoring*. Vol. 6, No. 2, pp. 223-234.
13. A. Rytter, M. Krawczuk and P.H. Kirkegaard (2001). Experimental and Numerical Study of Damaged Cantilever. *Journal of Engineering Mechanics*. Vol. 126, No. 1, 2000, pp. 60-65.
14. K.M. Rasmussen, S.R.K. Nielsen and P.H. Kirkegaard (2001). Boundary Element Method Solution in the time Domain for a Moving Time-Dependent Force. *Computers and Structures* Vol. 79, No. 7, March 2001, pp. 691-701
15. L. Andersen, S.R.K. Nielsen and P.H. Kirkegaard (2001). Finite Element Modeling of Infinite Euler Beams on Kelvin Foundations Exposed to Moving Loads in Convected Co-ordinates. *Journal of Sound and Vibration* Vol. 241, Issue 4, 5 April 2001, pp. 587-604
16. V.K. Gupta, S.R.K. Nielsen and P.H. Kirkegaard (2001). A Preliminary Prediction of Seismic Damage-Based Degradation in RC Structures. *Earthquake Engineering and Structural Dynamics*. Vol. 30, No. 7, July 2001, pp. 981-993
17. S. Krenk and P.H. Kirkegaard (2001). Local Tensor Radiation Conditions For Elastic Waves. *Journal of Sound and Vibration*. Vol. 247, No. 5, 8 November 2001, pp. 875-896
18. S.R.K. Nielsen and P.H. Kirkegaard (2002) Super and Combinatorial Harmonic Response of Flexible Elastic Cables With Small Sag. *Journal of Sound and Vibration*, Vol. 251, No.1, 21 March 2002, pp. 79-102
19. A.M. Due Schmidt and P.H. Kirkegaard (2005). On Architectural Acoustics Design using Computer Simulation. *Building Acoustics*, Vol. 12, No.2.
20. A.K. Bejder and P.H. Kirkegaard (2008). Arkitektur i Massivtræ. *Arkitekten*. Vol. 12, pp. 68-71.
21. A.K. Bejder and P.H. Kirkegaard (2008). Krydslimede Massivtræ-Elementer i Byggeriet. *Arkitekten*. Vol. 12, pp. 74-77.
22. A.K. Bejder and P.H. Kirkegaard (2008). Massivtræs Æstetiske Kvaliteter. *Arkitekten*. Vol. 12, pp. 80-83.
23. M. Frier, A. M. Fisker and P.H. Kirkegaard (2010). Prefab-Interiority: Design Principles for a Sensuous Prefab Practice. *Design Principles and Practices: An International Journal*. Volume 4, No. 2, 2010.
24. R. Brincker and P.H. Kirkegaard (2010). Special Issue On Operational Modal Analysis. *Mechanical Systems and Signal Processing*. Vol. 24, No. 5, July 2010, pp. 1209-1212 (editorial).



25. D. Čizmar, V. Rajčić, P.H. Kirkegaard & J.D. Sørensen (2011). Probabilistička Ocjena Robusnosti Konstrukcija. *Gradevinar*, Vol. 63, No. 5, 2011, pp. 431-439.
26. D. Čizmar, P.H. Kirkegaard, J.D. Sørensen and V. Rajčić (2011). Reliability-Based Robustness Analysis for a Croatian Sports Hall. *Engineering Structures*, Vol. 33, No. 11, 2011, pp. 3118-3124.
27. P.H. Kirkegaard, D. Čizmar, J.D. Sørensen and V. Rajčić (2011). System Reliability of Timber Structures with Ductile Behaviour. *Engineering Structures*, Vol. 33, No. 11, 2011, pp. 3093-3098.
28. T.D.O. Tvedebrink, A.M. Fisker and P.H. Kirkegaard (2013). Sygdommens Spiserum: Har arkitekturen en overset eller glemt betydning her ? . *Tidsskrift for forskning i sygdom og samfund*, Vol. 10, No. 18, pp 21-38, 2013.
29. T.D.O. Tvedebrink, A.M. Fisker and P.H. Kirkegaard (2013). Architectural Theatricality: A design perspective in hospitality studies. *Hospitality & Society*.
30. N. Perisic, P.H. Kirkegaard and B.J. Pedersen (2013). Cost-Effective Shaft Torque Observer for Condition Monitoring of Wind Turbines. *Wind Energy*.
31. S. Hélder Sousa, J.D. Sørensen, P.H. Kirkegaard, J.M. Branco and P.B. Lourenço (2013). On the Use of NDT Data for Reliability-Based Assessment of Existing Timber Structures. *Engineering Structures*, Vol. 56, pp. 298-311.
32. L.B. Fich, P. Jönsson, P.H. Kirkegaard, M. Wallergård, A.H. Garde and Å. Hansen (2014), Psychosocial Stress can be Influenced by Architecture - a Virtual TSST Experiment. *Physiology & Behavior*
33. D. Parigi, M. Sassone, P.H. Kirkegaard and P. Napoli (2014). Static and Kinematic Formulation of Planar Reciprocal Assemblies. *Nexus Network Journal*, Vol.16, No.1.
34. D. Parigi and P.H. Kirkegaard (2014). Design and Fabrication of Free-Form Reciprocal Structures. *Nexus Network Journal*, Vol.16, No.1.
35. D. Parigi and P.H. Kirkegaard (2014). The Reciprocalizer: an Agile Design Tool for Reciprocal Structures. *Nexus Network Journal*, Vol.16, No.1.
36. L.M. Stidsen, N. Thuesen and P.H. Kirkegaard (2014). Mapping Light Atmosphere - Seen through the Danish interior Design magazine BO BEDRE. *Nordic Journal of Architecture*, No.1.

**Peer reviewed conference papers, books and reports etc.**

1. P.H. Kirkegaard, J.D. Sørensen and R. Brincker (1990). Optimization of Measurements on Dynamically Sensitive Structures Using A Reliability Approach . *Conf. on Experimental Mechanics*, Technical University of Denmark, Copenhagen, August 1990.
2. P.H. Kirkegaard, J.D. Sørensen and R. Brincker (1991). Optimal Design of Measurement Programs for the Parameter Identification of Dynamic Systems. *The 9th International Modal Analysis Conference and Exhibit*, Firenze, Italy, September 10-21, 1991.
3. R. Brincker, P.H. Kirkegaard and Anders Rytter (1991). Identification of System Parameters by the Random Decrement Technique. *Proc. of the 9th International Modal Analysis Conference and Exhibit*, Firenze, Italy, September 10-12, 1991.
4. P.H. Kirkegaard and R. Brincker (1992). On the Optimal Location of Sensors for Parametric Identification of Linear Structures. *Proc. of the 17th International Seminar*, Leuven, 1992.
5. P.H. Kirkegaard (1992). On the Optimal Choice of Sampling Interval . *Proc. of the 11th International Modal Analysis Conference*, Orlando, Florida 1992.
6. P.H. Kirkegaard and A. Rytter (1993). Use of Neural Networks for Damage Detection and Location in a Steel Member . *Proc. of the 3rd International Conference on the Application of Artificial Intelligence to Civil and Structural Engineering*. CIVIL-COMP93, Edinburgh, August 17-19, 1993.
7. P.H. Kirkegaard and A. Rytter (1994). Vibration Based Damage Assessment of a Cantilever Using Neural Networks . *Proc. of the 10th International Conference on Experimental Mechanics*, Lisbon, July 18-22, 1994
8. P.H. Kirkegaard and A. Rytter (1994). Use of Neural Networks for Damage Assessment of Civil Engineering Structures using Neural Networks. *Proc. of the 1st workshop of the European Group for Structural Engineering Applications of Artificial Intelligence*, Lausanne, March 21-22, 1994.
9. P.H. Kirkegaard and A. Rytter (1993). An Experimental Study of a Steel Lattice Mast. *Proc. of the IUTAM conference*, Wuppertal, August 21-22, 1993.
10. A. Rytter and P.H. Kirkegaard (1994). Vibrational Based Inspection of a Steel Mast. *Proc. of the 12th International Modal Analysis Conference*, Honolulu, Februar 1-4, 1994.
11. P.H. Kirkegaard and A. Rytter (1994). Use of Neural Networks for Damage Assessment of a Steel Mast. *Proc. of the 12th International Modal Analysis Conference*, Honolulu, Februar 1-4, 1994.
12. H.I. Hansen, P.H. Kirkegaard and S.R.K. Nielsen (1994). Modelling Deteriorating RC Structures under Stochastic Dynamic Loading by Neural Networks. *Proc. of the International Conference on Computational Stochastic Mechanics*, Athens, Greece, 1994.

13. P.H. Kirkegaard and A. Rytter (1994). Damage Assessment of a Steel Lattice Mast under Natural Excitation . Presented at the 1st Dynamic Seminar, Aalborg, September 14-15, 1994.
14. P.H. Kirkegaard, S.R.K. Nielsen and H.I. Hansen (1995). Identification of Non-linear Structures using a Recurrent Neural Networks . Proc. of the 13th International Modal Analysis Conference, Nashville, February 13- 16, 1995.
15. P.H. Kirkegaard and A. Rytter (1995). A Comparative Study of Different Vibration Based Damage Assessment Techniques . Proc. of the IABSE Colloquium Bergamo, March 16-17, 1995.
16. P. Andersen, R. Brincker and P.H. Kirkegaard (1995). On the Uncertainty of Identification of Civil Engineering Structures using ARMA-models. Proc. of the 13th International Modal Analysis Conference, Nashville, February 13-16, 1995.
17. R. Brincker, P. Andersen, P.H. Kirkegaard and J.P. Ulfkjær (1995). Damage Detection in Laboratory Concrete Beams. Proc. of the 13th International Modal Analysis Conference, Nashville, February 13- 16, 1995.
18. R. Brincker, P.H. Kirkegaard, P. Andersen and M.E. Martinez (1995). Damage Detection in an Offshore Structure. Proc. of the 13th International Modal Analysis Conference, Nashville, February 13- 16, 1995.
19. P.H. Kirkegaard, P. Andersen and R. Brincker (1995). Identification of an Equivalent Linear Model for a Non-linear Time-variant RC-Structure . Proc. of the International Workshop on Structural Damage Assessment using Advanced Signal Processing Procedures, Pescara, May 29-31, 1995.
20. P.H. Kirkegaard (1995). Modelling of Non-linear Structures using Recurrent Neural Networks . Proc. of the 4th International Conference on the Application of Artificial Intelligence to Civil and Structural Engineering. CIVIL-COMP95, Cambridge, 1995.
21. A. Rytter, P. Negro and P.H. Kirkegaard (1995). Vibrational Based Inspection of A Four Storey RC-building . Proc. of the International Workshop on Structural Damage Assessment using Advanced Signal Processing Procedures, Pescara, May 29-31, 1995.
22. A. Rytter, P. Negro and P.H. Kirkegaard (1996). On-line Estimation of Stiffness Matrices during a Pseudo Dynamic Test, Presented at eurodyn'96, Florence, Italy, 5-8 June, 1996.
23. P.H. Kirkegaard, S.R.K. Nielsen, R.C. Micaletti and A.S. Cakmak (1996). Identification of a Maximum Softening Damage Indicator of RC-Structures using Time-Frequency Techniques. Presented at Eurodyn'96, Florence, Italy, 5-8 June, 1996.
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138. K.A. Dickow, P.H. Kirkegaard and L.V. Andersen (2012). An Evaluation of Test and Physical Uncertainty of Measuring Vibration in Wooden Junctions. Proceedings of the International Conference on Noise and Vibration Engineering, ISMA 2012: international conference on uncertainty in structural dynamics. red. / P. Sas; D. Moens; S. Jonckheere. Leuven : KU Leuven, Department Werktuigkunde. s. 4975-4988.
139. T.D.O. Tvedebrink, A.M. Fisker, and P.H. Kirkegaard (2012) . Architectural Mealscapes : A paradigm for Interior Design for Food. Paper presented at International Conference on Designing Food and Designing for Food, London, Storbritannien.
140. N. Perisic, B.J. Pedersen and P.H. Kirkegaard (2012) . Blade Bearing Friction Estimation of Operating Wind Turbines. Proceedings of the SEM IMAC XXX Conference. Society for Experimental Mechanics, 2012.
141. T.D.O. Tvedebrink, A.M. Fisker, and P.H. Kirkegaard (2012). Drawing Hospital Foodscapes : Proposal for an improved 'Interior Design for Food' in a Danish hospital ward. Poster session presented at International Conference on Designing Food and Designing for Food, London, Storbritannien.
142. K.A. Dickow, P.G. Domadiya, L. Andersen and P.H. Kirkegaard (2011) . BNAM 2012: Joint Baltic-Nordic Acoustics Meeting. Nordic Acoustic Association.
143. A. Falk, P.V. Buelow and P.H. Kirkegaard (2012). Folded Plate Structures as Building Envelopes. World Conference on Timber Engineering (WCTE 2012): The Future of Timber Engineering. red. / Pierre Quenneville. Auckland : The World Conference on Timber Engineering (WCTE 2012), 2012. s. 155-164.
144. N. Perisic, P.H. Kirkegaard and B.J. Pedersen (2012). Gearbox Fatigue Load Estimation for Condition Monitoring of Wind Turbines. / Perisic, Nevena; Kirkegaard, Poul Henning; Pedersen, Bo Juul . Proceedings of the International Conference on Noise and Vibration Engineering, ISMA 2012: international conference on uncertainty in structural dynamics. red. / P. Sas; D. Moens; S. Jonckheere. KU Leuven, Department Werktuigkunde, 2012. s. 4381-4392.
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146. P.H. Kirkegaard and D. Parigi (2012). On Control Strategies for Responsive Architectural Structures. / Kirkegaard, Poul Henning; Parigi, Dario. IASS-APCS 2012 Proceedings: from spatial structures to space structures. The International Association for Shell and Spatial Structures.
147. M.K. Holst, P.H. Kirkegaard and L.D. Christoffersen (2012). On Hospital Design – Identifying Building Attributes of Hospital Design. Paper presented at Congress of the International Federation of Hospital Engineering, Tromsø-Bergen, Norge.
148. P.H. Kirkegaard, N. Perisic and B.J. Pedersen (2012) On System Identification of Wind Turbines. IMAC 2012 XXX , Jacksonville, Florida, USA.
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151. P.H. Kirkegaard (2012). Robustness Assessment of Spatial Timber Structures. IASS-APCS 2012 Proceedings: from spatial structures to space structures. The International Association for Shell and Spacial Structures.
152. D.Parigi, P.H. Kirkegaard and M. Sassone (2012). Towards Free-Form Kinetic Structures. IASS-APCS 2012 Proceedings: from spatial structures to space structures. The International Association for Shell and Spacial Structures, 2012.
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155. K.A. Dickow, P.H. Kirkegaard and L.V. Andersen (2013). Robustness of Modal Parameter Estimation Methods Applied to Lightweight Structures. IMAC-XXXI: Conference and Exposition on Structural Dynamics.
156. M.K Holst, P.H. Kirkegaard and L.D. Christoffersen (2013). Parametric Optimization of Hospital Design. Proceedings of World Academy of Science, Engineering and Technology Proceedings, Vol. 1, Nr. 76, 2013, pp. 135-143.
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158. M.D. Ulriksen, J.F. Skov, K.A. Dickow, P.H. Kirkegaard and L. Damkilde (2013). Modal Analysis for Crack Detection in Small Wind Turbine Blades. Proceedings of Damage Assessment of Structures 2013. pp. 676-684.
159. J.F. Skov, M.D. Ulriksen, K.A. Dickow, P.H. Kirkegaard and L. Damkilde (2013). On Structural Health Monitoring of Wind Turbine Blades. Proceedings of Damage Assessment of Structures 2013. pp. 628-634
160. D. Parigi and P.H. Kirkegaard (2013). Static and kinematic formulation of planar reciprocal assemblies. Structures and Architecture - Concepts, Applications and Challenges: Proceedings of the second international conference on structures and architecture. red. / Paulo J. S. Cruz. London : C R C Press LLC, 2013, pp. 488-495.
161. D. Parigi and P.H. Kirkegaard (2013). Efficient design and fabrication of free-form reciprocal structures. Structures and Architecture - Concepts, Applications and Challenges: Proceedings of the second international conference on structures and architecture. red. / Paulo J. S. Cruz. London : C R C Press LLC, 2013, pp.480-487
162. C. Kristensen and P.H. Kirkegaard (2013). Towards an improved architectural quality in contemporary architecture. Structures and Architecture - Concepts, Applications and Challenges: Proceedings of the second international conference on structures and architecture. red. / Paulo J. S. Cruz. London : C R C Press LLC, 2013, pp.2000-2007.
163. A. Carter, P.H. Kirkegaard and R. Tyrrel (2013). The nature of tectonic architecture and structural design. Structures and Architecture - Concepts, Applications and Challenges: Proceedings of the second international conference on structures and architecture. red. / Paulo J. S. Cruz. London : C R C Press LLC, 2013, pp. 237-244
164. F. Hald, P.H. Kirkegaard and J.D. Sørensen (2013). Robustness Issues for Design of Innovative Timber Structures. Structures and Architecture - Concepts, Applications and Challenges: Proceedings of the second international conference on structures and architecture. red. / Paulo J. S. Cruz. London : C R C Press LLC, 2013, pp. 534-541.
165. M.F. Hvejsel and P.H. Kirkegaard (2013). Wallpaper & Tectonics - a critical discussion of the state of the architectural discipline. Structures and Architecture - Concepts, Applications and Challenges: Proceedings of the second international conference on structures and architecture. red. / Paulo J. S. Cruz. London : C R C Press LLC, 2013, pp. 399-407.

# Curriculum Vitae – Fredrik Nilsson

## Biographical data

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Home address: Östra Liden 14, SE-431 66 Mölndal, Sweden

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Chalmers University of Technology  
SE-412 96 Göteborg, Sweden  
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## Short CV and research profile

Fredrik Nilsson, architect SAR/MSA, PhD, Professor of Architectural Theory at Chalmers University of Technology, and Chief Research Strategist at White Arkitekter AB, where he was Head of Research and Development 2007-2014. He has taught and lectured at several schools for architecture and design in the Nordic countries. Research profile mainly directed to contemporary architecture, architectural theory and philosophy with a special interest in the epistemology of architecture, design theory and the implications of technology for the interaction between conceptual thinking, practical design work and production. He is currently director of the strong research environment in architectural theories and methods "Architecture in the Making: Architecture as a Making Discipline and Material Practice" funded by the Swedish research council Formas 2011-2016. Nilsson has been engaged as opponent and external evaluator of PhD and senior research internationally. He is author and editor of several books and frequently publishes articles, architectural criticism and reviews of books.

## Present employment

Head of Department of Architecture, Chalmers University of Technology, 2013 –  
Professor of Architectural Theory, Chalmers Architecture 2009 –  
White Arkitekter AB, 2000 – (Head of R&D 2007-2014; Chief Research Strategist 2014 -)

## Previous employments and professional experience

Deputy Head of Department of Architecture, Chalmers University of Technology, 2009 – 2011  
Adjunct Professor, Chalmers Architecture, 2008 – 2009  
Head of research and development, White Arkitekter AB, 2007 – 2014  
Senior Professor in Research Design, Sint-Lucas School of Architecture, Brussels, 2007 – 2009  
Visiting scholar, Chalmers Architecture, 2005–2008  
Researcher, project employment, Chalmers Architecture, 2002–2004  
Employment PhD student, Chalmers Architecture, 1998–2002  
Project employment, Department for Architectural Design, Chalmers Architecture, 1994–97  
Part time employment Husbygget / Bygghyttan Arkitekter, Fengersfors, 1993–96  
Own practice, Arkitekt Fredrik Nilsson, 1993–96  
Employment Ellsinger arkitektkontor AB, Göteborg, 1989–92

## Degrees and education

Professor of Architectural Theory, Chalmers University of Technology, 2009  
Adjunct Professor, Chalmers University of Technology, 2008  
Docent (associate professor), Chalmers University of Technology, 2008  
Professor, Sint-Lucas School of Architecture, 2007  
PhD in Architecture, Chalmers University of Technology, 2002  
Licentiate of Technology in Architecture, Chalmers University of Technology, 1997  
Architect SAR/MSA, member of Swedish Association of Architects, 1999  
Master of Architecture, Chalmers University of Technology, 1993  
Science of Art, Gothenburg University, 1990-91

## **Supervision of doctoral students**

### *Finished PhDs:*

Nel Janssens, "Utopia-driven Projective Research", 2012, Main supervisor.  
Laurens Luyten, "Structurally Informed Architectural Design", 2012, Main and Examining supervisor.  
Heidi Norrström, "Balancing Energy Efficiency, Cultural and Architectural Values in Our Built Environment", 2015, Examining supervisor.

### *Current PhD supervision:*

Karel Deckers, "An Inquiry into the (Re)Creative Workings of the Unheimliche in Interior Architecture", defence planned 2015, Main and examining supervisor.  
Thierry Berlemont, "Invisible Things", defence planned 2016, Main supervisor.  
Chotima Ag-ukrikul, "Eat-scape", defence planned 2016, Examining supervisor.  
Nils Björling, "Key Urban Projects", defence planned 2016, Examining supervisor.  
Jo Liekens, "Architecture's Provoking Instrumentality", defence planned 2017, Main supervisor.  
Stig Anton Nielsen, "Physically Informed Formation Processes for Sustainable Material Systems", defence planned 2017, Examining supervisor.  
Frans Magnusson, "Computed Design Intentions", defence planned 2018, Examining supervisor.  
Eva Gheysen, "Disruption as a Tactic for Sense Making in Architecture", planned 2018, Supervisor.  
Stefan Lundin, "Läkande arkitektur", defence planned 2018, Examining supervisor.

## **Opponent, Evaluations, and Membership in scientific committees**

### Opponent for doctoral dissertations by

Eli Hatleskog, NTNU – Norwegian University of Science and Technology, December 2014.  
Ovgu Pelen Karelse, The University of Manchester, November 2014.  
Lene Basma, Oslo School of Architecture and Design, December 2012.  
Anne Mette Manelius, School of Architecture, Royal Danish Academy of Art, July 2012.  
Anne Kirkegaard Bejder, Aalborg University, April 2012.  
Christina Pech, KTH-Arkitektur, Stockholm, November 2011.  
Ida Wraber, Department of Architecture and Design, University of Aalborg, October 2009.  
Annette Svaneklink Jakobsen, Aarhus Arkitektskole, Århus, October 2008.  
Louise Kjær Christoffersen, Aarhus Arkitektskole, Århus, November 2007.

### Member in examining committee for doctoral dissertations by

Marwa Dabaieh, LTH-Architecture, Lund, December 2011.  
Henric Benesch, HDK, Gothenburg University, February 2010.  
Pål Castell, Chalmers Architecture, June 2010.  
Barbara Rubino, Chalmers Architecture, 2009.  
Gertrud Olsson, KTH-Architecture, Stockholm, March 2009.  
Inge-Mette Kirkeby, KTH-Architecture, Stockholm, August 2007.  
Kaja Tooming, HDK, Göteborg, June 2007.  
Marie Elf, Chalmers Architecture, February 2007.  
Konstantinos Ionidis, Aarhus Arkitektskole, Århus, 2005.

### Opponent at final seminar before doctoral dissertation for

Henric Benesch, HDK, Gothenburg university, August 2009.  
Jonas Runberger, KTH Architecture, Stockholm, February 2008.  
Kaja Tooming, HDK, Göteborg, February 2007.  
Vicki Wenander, Chalmers Architecture, December 2006.  
Kristina Grange, Chalmers Architecture, September, 2005.

### External reviewer or scientific reader for

licentiate thesis by Jonas Runberger, KTH Architecture, Stockholm, May 2008.  
PhD thesis for European doctorate requirements by Mayka García Hípola, Universidad Politécnica de Madrid, August 2008.  
PhD thesis by Guri Mari Steinsvik, Oslo School of Architecture and Design, March 2007.  
PhD thesis by Marte Gulliksen, Oslo School of Architecture and Design, July 2006.

#### External evaluator

in international panel for Review of the Design Research Institute, RMIT, Melbourne, May 2013.  
in international panel for Assessment of Scientific and Artistic Research at the Royal Danish Academy of Fine Arts, School of Architecture, Copenhagen, February 2013.  
of research grant application for VELUX Foundation, Denmark, August 2013.  
of applications to Sverige-Amerika stiftelsen, October 2013.  
of research grant application for Austrian Science Fund, September 2012.  
in International Review Panel for Danish Council for Independent Research, May 2010.  
of research grant application for The Swedish Research Council Formas, January 2009.

#### Expert advisor for appointment of

Professor and Director of Research & Innovation, RMIT Europe, Barcelona, 2014.  
Professor in the Theory and History of Architecture, Aarhus School of Architecture, 2014.  
Professor in Information Technology in Construction, KTH, 2011.  
Professor in Architectural Theory at the School of Architecture Umeå University, 2010.  
Artistic Assistant Professor in Landscape Architecture at Faculty of Landscape Planning, Swedish University of Agricultural Sciences, Ultuna, 2010.  
Assistant professorships at Aarhus Arkitektsskole, Århus, 2007.

#### Peer-reviewer of papers and/or member in scientific committee for

DRS//Cumulus Conference *Design Learning for Tomorrow*, Oslo, May 2013.  
Conference *Communicating by Design*, Brussels, April 2009.  
Nordic/Baltic Conference for Architectural Research *Architectural Inquiries*, Göteborg, 2008.

#### Peer-reviewer of articles, papers and book proposals for

*Journal of Architecture*, *Nordic Journal of Architectural Research*, *FORMakademisk*, *Journal of Space Syntax*, *Nordic Journal of Architecture*, Routledge.

#### **Commissions of trust, boards, etc.**

Founding member of ARENA – Architectural Research European Network Association, 2013 –  
Member of Board for CMB – Centre for Management of the Built Environment, 2013 –  
Member of Board for OCEAN Design Research Association, 2013 – 2014  
Member of Editorial Board for *FORMakademisk*, 2012 – 2014  
Member of Editorial Board for *Nordic Journal of Architecture*, 2011–  
Member of Board for Bygginnovationen, 2011 – 2013  
Member of Research Committee for IQ Samhällsbyggnad / "Swedish Center for Innovation and Quality in the Built Environment", 2011–2012  
Member of Board for Centre for Healthcare Architecture, Chalmers, 2010-2012; 2013 –  
Member of working group for Chalmers Areas of Advance Built Environment, 2010.  
Chairman of Research Committee, Chalmers Architecture, 2009-2011.  
Member of Board for BIC – Byggsektorns Innovationscentrum / Swedish Construction Sector Innovation Centre, 2008-2011.  
Chairman of the researcher and teacher collegium/meeting Chalmers Architecture, 2007-2009  
Member of Evaluation Panel for Artistic research and development, The Swedish Research Council, 2007-2010.  
Member of jury for Swedish Association of Architects' prize to critics, 2007-2009  
Member of board of The Nordic Association of Architectural Research, 2007-2011  
Member of board for local division Västra Götaland of Swedish Association of Architects, 2006-2008  
Member of competition committee for local division Västra Götaland of Swedish Association of Architects, 2005-2006  
Writer and examiner for *Nationalencyklopedien*, The Swedish National Encyclopaedia, since 2003.  
Member of Editorial Board of *Nordic Journal of Architectural Research*, 1997 – 2001.  
Member of the board for book reviews of *Arkitektur. The Swedish Review of Architecture* since 1999.  
Member of Swedish Association of Art Critics, and international member AICA since 2003.

**Lectures, moderating, seminars and teaching**

Nilsson has been invited as keynote speaker, to moderate discussions, chair conference sessions, hold seminars, teach etc in various academic and professional occasions at national and international level. He has been teacher at various theoretical and studio courses at Chalmers Architecture since 1994. He has been a tutor at Research Training Sessions at Sint-Lucas School of Architecture, Brussels since 2006. Besides regular lectures, seminars and teaching at Chalmers Architecture as well as internal seminars and lectures at White Arkitekter, he has lectured widely.

**Communication of research**

Nilsson has since 1996 published over 110 articles, architectural criticisms and reviews of books in scientific journals, edited books, professional magazines and daily press.

# Fredrik Nilsson

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Fredrik Nilsson is architect and professor of Architectural Theory at Chalmers, where he leads the strong research environment 'Architecture in the Making' in a national collaboration between the schools of architecture. He is also Chief Research Strategist at White Arkitekter, where he was Head of Research and Development 2007-2014.. Nilsson's research is directed to developments in contemporary architecture, architectural theory and philosophy with special interest in the epistemology of architecture and interaction between theory, conceptual thinking and design practice. Important aims are contributions to reinforced exchange between research and architectural practice.

Publications

Collaboration and projects

### **AHA! festival 2016**

**Author:** Orru, Anna Maria; Nilsson, Fredrik; Christensson, Peter; Eriksson, Michael; Kim, Hye-Kyung; Östlund, Sigrid; Geib, Jon; Dyrssen, Catharina; Søndergaard, Morten; Kaczorowska, Anna

**Published:** 2016

**Published in:**

**Publication type:** Other

### **Brist på kunskap eller brist på överföring av kunskap?**

**Author:** Söderberg, Henriette; Nilsson, Fredrik

**Published:** 2016

**Published in:** På gång! CMB:s nyhetsbrev december 2016

**Publication type:** Journal/newspaper article

### **Chalmers School of Architecture. Emerging from Strong Profiles and Open Dialogues.**

**Author:** Nilsson, Fredrik; Persson, Magnus; Heijl, Matts; Olsson, Karl-Gunnar

**Published:** 2016

**Published in:** Chalmers School of Architecture Yearbook 2016. History of Architecture. Questioning Architecture

**Publication type:** Chapter in monograph, book - popular science

### **Creating Visions for the Future with a Brace against the Past**

**Author:** Nilsson, Fredrik

**Published:** 2016

**Published in:** Chalmers School of Architecture Yearbook 2016. History of Architecture. Questioning Architecture

**Publication type:** Journal/newspaper article

### **Chalmers School of Architecture Yearbook 2016. History of architecture. Qestioning architecture**

**Author:** Nilsson, Tabita; Särnbratt, Lotta; Nilsson, Fredrik

**Published:** 2016

**Published in:**

**Publication type:** Monograph, book - edited

## **Arkitektonisk kunskap utforskad genom att göra och rekonstruera historiska artefakter**

**Author:** Nilsson, Fredrik

**Published:** 2016

**Published in:** Stockholmsutställningen 1930 rekonstruerad

**Publication type:** Chapter in monograph, book

## **Exploring architectural knowledge by making and reconstructing historical artefacts**

**Author:** Nilsson, Fredrik

**Published:** 2016

**Published in:** Reconstructing the Stockholm Exhibition 1930

**Publication type:** Chapter in monograph, book

## **Integrated networks of knowledge in architectural practice: Research as strategic tools for design and work culture of White Architects**

**Author:** Nilsson, Fredrik; Lundgren, Marja

**Published:** 2016

**Published in:** The Changing Shape of Practice. Integrating Research and Design in Architecture

**Publication type:** Chapter in monograph, book

## **Introduction: The changing shape of architectural practice and research**

**Author:** Nilsson, Fredrik; Hensel, Michael U.

**Published:** 2016

**Published in:** The Changing Shape of Practice. Integrating Research and Design in Architecture

**Publication type:** Chapter in monograph, book

## **The Changing Shape of Practice. Integrating Research and Design in Architecture**

**Author:** Nilsson, Fredrik; Hensel, Michael U.

**Published:** 2016

**Published in:**

**Publication type:** Monograph, book



### **AHA! festival 2015**

**Author:** Orru, Anna Maria; Christensson, Peter; Caldenby, Claes; Nilsson, Fredrik; Dyrssen, Catharina

**Published:** 2015

**Published in:**

**Publication type:** Other

### **Exploring Future Architecture - On the Threshold between Education, Research and Practice**

**Author:** Nilsson, Fredrik

**Published:** 2015

**Published in:** Master's Theses Architecture

**Publication type:** Journal article - popular science

### **AHA! festival 2014**

**Author:** Orru, Anna Maria; Christensson, Peter; Caldenby, Claes; Nilsson, Fredrik; Slávik, Andrej; Dyrssen, Catharina

**Published:** 2014

**Published in:**

**Publication type:** Other

### **The Concept of the "Wheelchair"**

**Author:** Nilsson, Fredrik

**Published:** 2014

**Published in:** Bricolage Truth - The Accident Issue

**Publication type:** Journal article - popular science

### **Making as Architectural Thinking and Practice**

**Author:** Nilsson, Fredrik

**Published:** 2014

**Published in:** Towards an Ecology of Tectonics. The Need for Rethinking Construction in Architecture

**Publication type:** Chapter in monograph, book

## **Design Education, Practice, and Research: On Building a Field of Inquiry**

**Author:** Nilsson, Fredrik; Dunin-Woyseth, Halina

**Published:** 2014

**Published in:** Studies in Material Thinking

**Publication type:** Scientific journal article - peer reviewed

## **Research as a Driving Force for Change: On Triadic Practice in Architecture**

**Author:** Nilsson, Fredrik; Dunin-Woyseth, Halina

**Published:** 2014

**Published in:** Reflections

**Publication type:** Scientific journal article - peer reviewed

## **'Doctorateness' in the Making Disciplines. What do experts say on the issue?**

**Author:** Nilsson, Fredrik; Dunin-Woyseth, Halina; Fauske, Laila; Solberg, Anne

**Published:** 2014

**Published in:** 4th International Conference on Professional Doctorates. 10th - 11th April 2014.

Wales Millenium Center, Cardiff. Conference Proceedings

**Publication type:** Conference paper - peer reviewed

## **Collaboration is not enough! What do architects and designers bring?**

**Author:** Nilsson, Fredrik

**Published:** 2014

**Published in:** Collaboration: Organising for design impact and value. Transdisciplinary Design Research Symposium 2014

**Publication type:** Conference paper - non peer reviewed

## **Making, Thinking, Knowing Architecture. Notes on Architecture as a Making Discipline and Material Practice**

**Author:** Nilsson, Fredrik

**Published:** 2013

**Published in:** When Architects and Designers Write / Draw / Build / ? Essays on Architecture and Design Research

**Publication type:** Chapter in monograph, book

## **Knowledge in the Making. On Production and Communication of Knowledge in the Material Practices of Architecture**

**Author:** Nilsson, Fredrik

**Published:** 2013

**Published in:** FORMakademisk

**Publication type:** Scientific journal article - peer reviewed

## **Architectural assemblages and materializations - Changing notions of tectonics and materiality in contemporary architecture**

**Author:** Nilsson, Fredrik

**Published:** 2013

**Published in:** Structures and Architecture. Concepts, Applications and Challenges

**Publication type:** Conference paper - peer reviewed

## **Architectural Laborations. Setting up research as strategic tools in architectural practice**

**Author:** Nilsson, Fredrik

**Published:** 2013

**Published in:** Knowing (by) Designing

**Publication type:** Conference paper - peer reviewed

## **Developing Making Scholarship. From Making Disciplines to Field-specific Research in Creative Practices**

**Author:** Nilsson, Fredrik; Dunin-Woyseth, Halina

**Published:** 2013

**Published in:** Knowing (by) Designing

**Publication type:** Conference paper - peer reviewed

## **Emerging 'Doctorateness' in Creative Fields of Architecture, Art and Design. Some experiences from a Nordic-Belgian context**

**Author:** Nilsson, Fredrik; Dunin-Woyseth, Halina

**Published:** 2013

**Published in:** Artistic Research Then and Now: 2004-13

**Publication type:** Chapter in monograph, book

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Fredrik Nilsson is architect and professor of Architectural Theory at Chalmers, where he leads the strong research environment 'Architecture in the Making' in a national collaboration between the schools of architecture. He is also Chief Research Strategist at White Arkitekter, where he was Head of Research and Development 2007-2014.. Nilsson's research is directed to developments in contemporary architecture, architectural theory and philosophy with special interest in the epistemology of architecture and interaction between theory, conceptual thinking and design practice. Important aims are contributions to reinforced exchange between research and architectural practice.

Publications

Collaboration and projects

## Projects

4/6/2016 — 4/6/2019

### **Architectural Convertibles**

Our project is inspired by the notion of architectural matter/flesh. The term 'flesh' is an architectural metaphor, which counters the reductive understanding of a building envelope...

4/1/2011 — 12/31/2017

### **Architecture in the Making: Architecture as a Making Discipline and Material Practice**

1/1/2015 — 12/31/2017

### **Nordic Built - Sustainable Transformation and Environmental Design (STED)**

This project targets innovation in design solutions and design processes for construction, renovation and transformation. The main aims are: 1) To develop innovative generalizable...

1/1/2015 — 12/31/2017

### **Nordic Built - Sustainable Transformation and Environmental Design (STED)**

## Closed

1/1/2014 — 12/31/2015

### **Approaches: Methods for knowledge (co)production in architectural research and practice...**

The ResArc PhD course Approaches will be devoted to an introduction and to training in research skills. The focus is put on the research methodologies characteristic for the fields of...

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**Fortegnelse over bedømmelsesudvalg til  
stilling 42219 Associate Professor in Problem Based Learning and Engineering Education  
ved institut for Planlægning**

**Navn:** Associate Professor Bettina Dahl Søndergaard  
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**E-mail:** bdahls@plan.aau.dk

**Navn:** Associate Professor Sten Beck  
**Arbejdssted:** SDU  
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**Navn:** Associate Professor Niels B. Dohn  
**Arbejdssted:** Aarhus Universitet, DPU  
**E-mail:** dohn@edu.au.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.

## Associate Professor in Problem Based Learning and Engineering Education (42219)

### Position No.

42219

At the Faculty of ICT and Design, Department of Planning, Esbjerg Campus, a three-year position as Associate Professor in Problem Based Learning and Engineering Education, is open for appointment from 15 August 2017 or soon hereafter. The field of the Department for Planning includes development and planning in a broad sense, and thereby it reaches from the social science aspects of development (technological, environmental, international and administrative aspects) to physical planning, sector planning, land management, and to technical subjects such as surveying and mapping.

### Job description

The work in the position is related to The Aalborg Centre for Problem Based Learning in Engineering, Science and Sustainability under the auspices of UNESCO. The overall objective of the UNESCO Centre is to create a global society for researchers and academic staff working with PBL. At the UNESCO Centre, a group of researchers and teachers are working with research, PhD training, master programmes, training of engineers at bachelor and master levels in PBL and consultancy. See more at [www.ucpbl.net](http://www.ucpbl.net).

Candidates should have research related to PBL and active, creative, and innovative teaching and learning in engineering education. Since part of the teaching obligations also involve issues of inter-disciplinarity, such background and research is also considered an advance.

Teaching and supervision tasks will be primarily related to the following areas: Engineering and Science Bachelor and Master students in PBL and theory of science, staff development courses at Aalborg University and internationally, and Ph.D. supervision. Experience with teaching and supervision in these areas is considered an advantage. Candidates must be capable of a high level of written and oral communication in English in order to publish, present and teach and they must also to be able to teach and supervise in Danish (or another Scandinavian language) from the start of the employment. For further information about the department: [www.plan.aau.dk](http://www.plan.aau.dk)

You may obtain further professional information from Head of Section, Associate Professor Bettina Dahl Søndergaard, Tel.: +45 9940 3684, e-mail: [bdahls@plan.aau.dk](mailto:bdahls@plan.aau.dk) and Head of Department, Tine Herreborg Jørgensen, Tel: +45 9356 2141, e-mail: [tine@plan.aau.dk](mailto:tine@plan.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).



- 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 Nickie Kate Hermansen by mail [nkh@adm.aau.dk](mailto:nkh@adm.aau.dk) or phone (+45) 9940 7902.

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

### **Workplace**

Esbjerg

### **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**

### **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](#)

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## Publikationer

**Al den snak om læring - arven fra Piaget og Vygotsky i teoretisk og empirisk belysning**

Beck, S. 2017 Frydenlund. 150 s.

**Arbejdsformer mellem frihed og styring**

Beck, S., Elf, N. F. & Winum, H. sep. 2016 *Forskning i og med praksis på VUC: Nye veje for tænkning, tale, skrift og handling*. Beck, S., Hansen, D. R. & Piekut, A. (red.). Unge Pædagoger, Kap. 3, s. 67-106

**Didaktisk innovation på VUC: design, teori, metode**

Beck, S., Elf, N. F. & Winum, H. sep. 2016 *Forskning i og med praksis på VUC: Nye veje for tænkning, tale, skrift og handling*. Beck, S., Hansen, D. R. & Piekut, A. (red.). Unge Pædagoger, Kap. 2, s. 37-66

**Fra pædagogisk problem til didaktisk mulighed: kursister med immigrantbaggrund**

Elf, N. F., Beck, S. & Winum, H. sep. 2016 *Forskning i og med praksis på VUC: Nye veje for tænkning, tale, skrift og handling*. Beck, S., Hansen, D. R. & Piekut, A. (red.). København: Unge Pædagoger, Kap. 4, s. 107-146 (Didaktik, refleksion, praksis, Vol. 121).

**Fund, evaluering og perspektiv**

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**Klasseledelse, klasserumskultur og relationsarbejde**

Winum, H., Beck, S. & Elf, N. F. sep. 2016 *Forskning i og med praksis på VUC: Nye veje for tænkning, tale, skrift og handling*. Beck, S., Hansen, D. R. & Piekut, A. (red.). København: Unge Pædagoger, Kap. 5, s. 147-190

**Vinteren kommer: En fordybelsesbog for Game of Thrones-fans**

Beck, S. 2 apr. 2016 Hellerup: Spring. 180 s.

**Foredrag om H.C. Andersens Hyrdinden og Skorstensfejeren**

Beck, S. 2016

**Forskning i og med praksis på VUC: Nye veje for tænkning, tale, skrift og handling**

Beck, S., Hansen, D. R. & Piekut, A. 2016 Unge Pædagoger. 408 s. (Didaktik, refleksion, praksis; Nr. 121).

**Game of Thrones - realisme og fantasy**

Beck, S. 2016 I : Litteratursiden. 6 s.

**Hf og avu – en særlig kontekst for dannelse og uddannelse**

Beck, S., Hansen, D. R. & Piekut, A. 2016 *Forskning i og med praksis på VUC: Nye veje for tænkning, tale, skrift og handling*. Beck, S., Rüsselbæk Hansen, D. & Piekut, A. (red.). Unge Pædagoger, s. 9-17 9 s.

**How we learn: A critical-constructive discussion of Piaget's and Vygotsky's theories of teaching and learning and their reactions to each other**

Beck, S. 2016 *On the definition of learning*. Qvortrup, A., Wiberg, M., Christensen, G. & Hansbøl, M. (red.). Odense: Syddansk Universitetsforlag, s. 103-129

**Hvad nu, Westeros?: Et tillæg til Vinteren kommer - om Game of Thrones, sæson 6**

Beck, S. 2016 Spring. 41 s.

**Ind i fagene med Game of Thrones**

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### **Når forskere og praktikere samarbejder – en introduktion**

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### **Pædagogikum mellem teori og praksis: En brugsbog til de almindidaktiske moduler**

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### **Reformholdninger og didaktiske positioner blandt lærere i den danske gymnasieskole**

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### **What Now, Westeros?: A Study Book for Game of Thrones Fans**

Beck, S. 2016 Amazon.com: Sten Beck. 183 s.

### **Indledning**

Elf, N. F., Beck, S. & Winum, H. aug. 2015 *Didaktisk innovation på VUC: 24 ideer til undervisningsudvikling*. Winnum, H., Beck, S. & Elf, N. F. (red.). Odense, s. 5-7

### **Aktionerne og deres succes**

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### **Aktionsforskning i teori og praksis**

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### **Elever i kvantitativ og kvalitativ belysning**

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### **Forskning i erhvervsuddannelserne: et review**

Bøje, J. D., Winum, H. & Beck, S. 2015 *Teori og praksis på SOSU-uddannelserne: Et aktionsforskningsprojekt på SOSU Fyn*. Bøje, J. D., Winum, H., Beck, S. & West, D. (red.). København Ø: Unge Pædagoger, Kap. 1, s. 16-37 (Didaktik, refleksion, praksis).

### **Frihed og styring i klasserummet - et essay om Piaget og Vygotsky**

Beck, S. 2015 I : Gymnasieskolen. 2015, 8, s. 48-52 5 s.

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### **Kulturanalyse**

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**Teori og praksis på SOSU-uddannelserne: Et aktionsforskningsprojekt på SOSU Fyn**

Bøje, J. D. (red.), Winum, H. (red.), Beck, S. (red.) & West, D. (red.) 2015 København: Unge Pædagoger. 181 s. (Didaktik, refleksion, praksis).

**Veje til viden: Piagets og Vygotskys læringsteorier i historisk og teoretisk belysning**

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**What are they talking about?: The construction of good teaching among students, teachers and management in the reformed Danish upper secondary school**

Hansen, D. R., Bøje, J. D. & Beck, S. dec. 2014 I : Education Inquiry. 5, 4, s. 583-601 19 s.

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**Da pædagogikum kom til Rustenborg**

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Beck, S. (red.) & Hansen, D. R. (red.) 2014 Syddansk Universitetsforlag. 404 s.

**Handling og forvandling på HF & VUC: om etnodidaktisk aktionsforskning**

Beck, S. & Paulsen, M. 2014 *HF og VUC - målgrupper, pædagogik og udvikling*. Hansen, G. F., Strø, S. H. & Schütter, L. T. (red.). 1 udg. Systime Academic, 15 s.

**Klassiske og Moderne Læringsteorier**

Beck, S., Paulsen, M. & Kaspersen, P. 2014 København: Hans Reitzel. 448 s.

**Læring og Kultur: En diskussion af Piagets og Vygotskys teorier om læring og udvikling**

Beck, S. 2014 *Frihed & styring - en antologi om læringskultur i forandring*. Syddansk Universitetsforlag, 23 s.

**Learning to stay in school: Selection, retention and identity processes in a Danish vocational educational training programme of basic health and care**

Beck, S., Bøje, J. D. & Winum, H. 2014 I : NordYrk. 4, 16 s.

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Bøje, J. D., Beck, S. & Winum, H. 2014 Syddansk Universitetsforlag. 81 s.

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Hansen, D. R. & Beck, S. 7 nov. 2013

#### **Lærerrolle og professionsbevidsthed**

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#### **Didactical positions and teacher collaboration - Teamwork between possibilities and frustrations**

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#### **Læring i psykodynamisk perspektiv**

Beck, S. 2013 *Gymnasiepædagogik*. Damberg, E., Dolin, J., Holten Ingerslev, G. & Kaspersen, P. (red.). 2 udg. Hans Reitzel, 14 s.

#### **Mellem kultur og læring: Indledende sonderinger**

Beck, S. & Hansen, D. R. 2013 *Frihed & styring - En antologi om læringskulturer i forandring*. Syddansk Universitetsforlag, s. 7-24 18 s.

#### **Tre år med kompetenceudviklingsprojektet**

Beck, S. 2013 *En Rysensteenerdidaktik i støbeskeen: Kompetenceudviklingsprogrammet 2009-2012 på Rysensteen Gymnasium*. Rysensteen Gymnasium, s. 7-13

#### **Ungdomskultur og elevstrategier: etnopedagogiske perspektiver**

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#### **Lev Vygotsky's learning theory: – a historical and theoretical discussion**

Beck, S. 2012 I : *Izvestiya of the Baltic State Academy* . 22, 1, s. 98-122

#### **Aktionsforskning og udviklingsarbejde**

Beck, S. & Paulsen, M. 2011 *Voksenuddannelse : FAG-projektet på Randers HF & VUC*. S. F. A. (red.). Vedbæk: I/S Voksenuddannelse, s. 6-10 4 s.

#### **CL og læringssamarbejde**

Beck, S. & Paulsen, M. 2011 *Voksenuddannelse - FAG-projektet på Randers HF & VUC*. Fersløv Andersen, S. (red.). Vedbæk: I/S Voksenuddannelse, s. 10-14

#### **Dannelse til tiden**

Beck, S. 2011 *Per aspera ad astra - Festskrift til Harry Haue*. Damberg, E. (red.). Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, s. 9-22 13 s. (*Gymnasiepædagogik*; Nr. 84).

#### **Handling og forvandling: Aktionsforskning på HF og VUC**

Paulsen, M. & Beck, S. 2011 I : *GymPæd 2.0*. 6

#### **Hjemmelektier og klasselektier**

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#### **Læringsrum og lærerrolle**

Beck, S. 2011 I : Uddannelsesnyt - Fagligt Selskab for Undervisende Sygeplejersker. 2, 22, s. 9-17 8 s.

#### **Læringssamarbejde: en etnoidaktisk analyse af Cooperative Learning på hf og VUC**

Beck, S. & Paulsen, M. 2011 Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier. 204 s. (Gymnasiepædagogik; Nr. 86).

#### **Mangfoldighed og fællesskab: En etnoidaktisk analyse af kursisttilgange og klasserumskultur på hf og VUC**

Beck, S. & Paulsen, M. 2011 Syddansk Universitet: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier. 295 s. (Gymnasiepædagogik, Vol. 80).

#### **Studiebogen til hxx**

Beck, S. & Jens Ditlev Hansen, Annette Lind, Mette Lyng 2011 Gyldendal Uddannelse. 160 s.

#### **Tavler og Noter**

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#### **Caught in a crossfire: Educational research in context**

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#### **Læring og undervisning: Didaktiske positioner og praksisformer i gymnasiet**

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Paulsen, M., Zeuner, L., Beck, S., Frederiksen, L. F. & Sørensen, E. K. 2010 Syddansk Universitet: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier. 488 s. (Gymnasiepædagogik, Vol. 76).

#### **Sporskifte i gymnasiet: Reform og handlemuligheder**

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Beck, S. 2009 *Tænkeredskaber: Gymnasieelevers metakognitive lærestrategier*. Beck, S. & Wogensen, U. (red.). Odense: Syddansk Universitet, Kap. 2, s. 25-50 (Gymnasiepædagogik; Nr. 69).

#### **Gymnasielærernes syn på læring efter 2005-reformen**

Paulsen, M. & Beck, S. 2009 *Gympæd 2.0*. Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, Vol. 1, s. 1-5 5 s.

### **Mellem Bagenkop og Harbøre: Elevfortællinger fra danske udkanter**

Ebbensgaard, A. H. B. & Beck, S. 2009 Odense: Gymnasiepædagogik. 294 s. (Gymnasiepædagogik; Nr. 75, Vol. 1).

### **Videnskab og videnskabelse**

Beck, S. 2009 *Fagdidaktik i økonomifagene*. Forlaget Columbus, 10 s.

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Beck, S. 1 dec. 2008 I : Cambridge Anthropology. 38, 4, s. 101-117 16 s.

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Beck, S. 2008 *Tænkerebdkaber: Gymnasieelevers metakognitive lærestrategier*. Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, s. 25-50 26 s. (Gymnasiepædagogik; Nr. 69).

### **Elevernes slutevaluering**

Beck, S. 2008 *Tænkerebdkaber: Gymnasieelevers metakognitive lærestrategier*. Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, s. 137-44 8 s. (Gymnasiepædagogik; Nr. 69).

### **Gymnasiet, eleven og det ideelle menneske**

Beck, S. 2008 *Viljen til visdom: En bog om dannelse & uddannelse*. Aarhus Universitet: Forlaget Slagmark, s. 62-71 9 s.

### **Lærerroller - stabilitet og forandring: Tredje delrapport fra forskningsprojektet Nye lærerroller efter 2005-reformen**

Zeuner, L., Beck, S., Frederiksen, L. F. & Paulsen, M. 2008 Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier. 402 s. (Gymnasiepædagogik, Vol. 68).

### **Læring og undervisning**

Beck, S. 2008 *Lærerroller - stabilitet og forandring: Tredje delrapport fra forskningsprojektet Nye lærerroller efter 2005-reformen*. Damberg, E. (red.). Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, s. 45-176 131 s. (Gymnasiepædagogik, Vol. 68).

### **Læring og undervisning i gymnasiet efter 2005-reformen**

Paulsen, M. & Beck, S. 2008 *Lærerroller - stabilitet og forandring: Tredje delrapport fra forskningsprojekt: Nye lærerroller efter 2005-reformen*. Zeuner, L., Beck, S., Frederiksen, L. F. & Paulsen, M. (red.). Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, s. 45-181 (Gymnasiepædagogik; Nr. 68).

### **Metakognition i gymnasiet**

Beck, S. & Glargaard, J. 2008 *Fag og didaktik – med fagsamspil som udfordring: konferencerapport*. Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, s. 19 303 s. (Gymnasiepædagogik).

### **Metakognition i uddannelsespolitisk og læringsteoretisk belysning**

Beck, S. 2008 *Tænkerebdkaber: Gymnasieelevers metakognitive lærestrategier*. Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, Vol. 69, s. 11-24 13 s. (Gymnasiepædagogik, Vol. 69).

### **Reformoptakter**

Beck, S. 2008 Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier. 12 s.

### **Teaching, leadership and school culture - from loose to tight couplings**

Frederiksen, L. F. & Beck, S. 2008 I : International Journal of Management in Education. 2, 1, s. 1-13 13 s.

### **The importance of Feelings in Learning and Teaching**

Paulsen, M. & Beck, S. 2008



#### **Gymnasiet som undervisnings- og læringsfelt**

Beck, S. 2007 *Lærerroller i praksis: Anden delrapport fra forskningsprojektet. Nye lærerroller efter 2005-reformen*. Zeuner, L., Beck, S., Frederiksen, L. F. & Paulsen, M. (red.). Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier, s. 275-379 105 s. (Gymnasiepædagogik; Nr. 64).

#### **Lærerroller i praksis: Anden delrapport fra forskningsprojektet Nye lærerroller efter 2005-reformen**

Zeuner, L., Beck, S., Frederiksen, L. F. & Paulsen, M. 2007 Odense: Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier. 390 s. (Gymnasiepædagogik, Vol. 64).

#### **Elever, skole, lærerrolle og køn**

Beck, S. 2006 *Gymnasiepædagogik*. Damberg, E., Dolin, J. & Ingerslev, G. H. (red.). København: Hans Reitzel, s. 430-452

#### **At være eller ikke være - fuld**

Beck, S. 2005 *Rundt om rusen*. Beck, S. & Reesen, S. (red.). København: Komiteen for Sundhedsoplysning, s. 27-34

#### **Dannelse i en reformtid**

Beck, S. 2005 *Torneroseslottet: om almen dannelse i senmoderniteten*. Transbøl, G. & m. fl. (red.). København: Rysensteen Gymnasium, s. 39-52

#### **En ny myndighed**

Beck, S. 2005 Syddansk Universitetsforlag. 280 s.

#### **Gymnasieelevers rusmiddelkultur i tal**

Beck, S. 2005 *Rundt om rusen*. Beck, S. & Reesen, S. (red.). København: Komiteen for Sundhedsoplysning, s. 45-56

#### **Rundt om rusen**

Beck, S. (red.) & Reesen, S. (red.) 2005 *Rundt om rusen*. København: Komiteen for Sundhedsoplysning, s. 1-113

#### **Moderniseringsdiskurs og lærerbevidsthed**

Beck, S. 2004 *Et analytisk blik på senmodernitetens gymnasium*. Institut for Filosofi, Pædagogik og Religionsstudier, s. 9-39 30 s. (Gymnasiepædagogik, Vol. 47).

#### **Gymnasiale diskurser i en reformtid**

Beck, S. 2003 I : Dansk pædagogisk tidsskrift. 3, s. 50-62

#### **Hyldest til læreren, Skanderborg Station, Århus Amt**

Beck, S. 2003

#### **Tornbjerg Gymnasium - en skole på forkant**

Beck, S. 2003 *Tornbjerg Gymnasiums 25 års jubilæum*. Odense: Tornbjerg Gymnasium, s. 44-49

#### **Udviklingstendenser i det almene gymnasium**

Beck, S., Damberg, E., Dolin, J., Lading, Å. & Svejgaard, K. L. 2003 København: Uddannelsesstyrelsen. (Hæfte nr. 36a+b.).

#### **Elev/student 1-2: en teoretisk og empirisk undersøgelse af begrebet studiekompetence**

Beck, S. 2002 Syddansk Universitet. Institut for Filosofi, Pædagogik og Religionsstudier. 380 s. (Gymnasiepædagogik, Vol. 31).

# CV for Niels Bonderup Dohn, lektor



## Kontaktoplysninger

Niels Bonderup Dohn  
DPU, Aarhus Universitet  
Niels Juels Gade 84  
8200 Aarhus N  
87163716  
dohn@edu.au.dk

Født d. 20.06.1967

ORCID: 0000-0002-4560-556X

## Uddannelse

2007 Ph.d. i biologididaktik, IFPR, Syddansk Universitet  
1997 Bifag i idræt, Institut for Idræt, Odense Universitet  
1995 Cand Scient i biologi, Århus Universitet

## Ansættelser

2012 Lektor, Institut for Uddannelse og Pædagogik, Aarhus Universitet  
2010 Adjunkt, Institut for Didaktik, Danmarks Pædagogiske Universitetsskole, Aarhus Universitet  
2009 Børnepasningsorlov  
2007 Adjunkt, Institut for Videnskabsstudier, Aarhus Universitet  
2007 Forsker, Universe Research Lab, Sønderborg  
2003 Ph.d.-stipendiat, Dansk Institut for Gymnasiepædagogik, Syddansk Universitet

## Videnskabelige kompetencer, emner

- Biologididaktik, naturfagsdidaktik
- Motivation
- Forskningsmetoder

## Ledelseskompetencer og administrative opgaver (udvalgte)

- Chair for The International Conference on Motivation 2018, afholdes på Aarhus Universitet
- Reviewer for high-impact journals såsom *Learning and Instruction*, *Science Education*, *International Journal of Science Education*, *Research in Science Education*, *Environmental Education Research*, *Visitor Studies* m.fl.

## Videnskabelige publikationer – resumé

- I alt 5 publikationer, publiceret i high-impact journals (BFI-niveau 2), såsom *Science Education*
- Første- og sidsteforfatter på 19 publikationer (peer review)
- Medforfatter på 1 publikation (peer review)
- Total antal citationer, *Web of Science*: 39, H-index: 4, *Google Scholar*: 154, H-index: 6

- I alt 8 undervisnings- og formidlingspublikationer

### Præsentationer på konferencer

- Total antal præsentationer: 25
- Internationale/nationale konferencer (oral eller poster): 20
- Internationale/nationale faglige selskaber og møder (oral eller poster): 5

### Nuværende forskningsbevillinger

2015 Designing for situated knowledge in a world of change, FKK, 6 mill. kr., projektdeltager

### Vejledning af studerende, ph.d. m.fl.

- Færdiggjorte: 10 specialestuderende, 1 ph.d.-studerende
- Igangværende: 8 specialestuderende, 2 ph.d.-studerende

### Internationale erfaringer

2016 Visiting scholar, IPN - Leibniz-Institut für die Pädagogik der Naturwissenschaften und Mathematik an der Universität Kiel, Tyskland

2013 Visiting scholar, University of Technology Sydney, Australien

2009 Visiting professor, Graduate School of Education, University of California Berkeley, USA

### Undervisningsopgaver, seneste to år

2017 Underviser og kursusleder, Pædagogisk forskning og udviklingsarbejde, Aarhus Universitet

2016 Underviser og kursusleder, Naturfagernes fagdidaktik, Aarhus Universitet

2016 Underviser og kursusleder, Motivationsteori i et uddannelsesperspektiv, Aarhus Universitet

2016 Vejleder, Metodeprojekt, Aarhus Universitet

2016 Underviser, Anæstesiologisk sygepleje, efteruddannelse Region Midt

2016 Underviser, Pædagogisk forskning og udviklingsarbejde, Aarhus Universitet

2016 Underviser, Modul 4, Master i Scienceundervisning, Aarhus/Københavns Universitet

### Udvalgte publikationer

Dohn, N. B., & Dohn, N. B. (2017). Integrating Facebook in Upper Secondary Biology Instruction: A Case Study of Students' Situational Interest and Participation in Learning Communication. *Research in Science Education*. (E-pub ahead of print - jan. 2017)

Dohn, N. B., Fago, A., Overgaard, J., Madsen, P. T., & Malte, H. (2016). Students' motivation toward laboratory work in physiology teaching. *Advances in Physiology Education*, 40(3), 313-318.

Dohn, N.B. (2013): Upper secondary students' situational interest: A case study of the role of a zoo visit in a biology class. *International Journal of Science Education* 35(16), 2732-2751.

Dohn, N.B. (2013): Student interest in engineering design. *International Journal of Science Education* 35(12), 2057–2078.

Dohn, N.B. (2011): Situational interest of high school students visiting an aquarium. *Science Education* 95(2), 337-357.

# Publikationer

2017

1. **Integrating Facebook in Upper Secondary Biology Instruction: A Case Study of Students' Situational Interest and Participation in Learning Communication.** / Dohn, Niels Bonderup; Dohn, Nina Bonderup.  
I: Research in Science Education, 01.2017.  
Publikation: Forskning - peer review › Tidsskriftartikel
2. **Interest and emotions in science education.** / Petersen, Morten Rask; Dohn, Niels Bonderup.  
Exploring emotions aesthetics and wellbeing in science education research. red. / Alberto Bellocchi; Cassie Quigley; Kathrin Otrell-Cass. Schweiz : Springer, 2017. s. 187-202 (Cultural Studies of Science Education, Vol. 13).  
Publikation: Forskning - peer review › Bidrag til bog/antologi

2016

3. **Elevers holdninger og forventninger i forhold til naturvidenskab.** / Sørensen, Helene; Dohn, Niels Bonderup.  
PISA 2015: danske unge i en international sammenligning. red. / Vibeke Tornhøj Christensen. København : KORA, Det Nationale Institut for Kommuner og Regioners Analyse og Forskning, 2016. s. 83-110.  
Publikation: Formidling › Bidrag til rapport
4. **Om naturfagene i PISA og i folkeskolen.** / Sørensen, Helene; Dohn, Niels Bonderup.  
PISA 2015: danske unge i en international sammenligning. red. / Vibeke Tornhøj Christensen. København : KORA, Det Nationale Institut for Kommuner og Regioners Analyse og Forskning, 2016. s. 17-47.  
Publikation: Formidling › Bidrag til rapport
5. **Students' motivation toward laboratory work in physiology teaching.** / Dohn, Niels Bonderup; Fago, Angela; Overgaard, Johannes; Madsen, Peter Teglberg; Malte, Hans.  
I: Advances in Physiology Education, Vol. 40, Nr. 3, 09.2016, s. 313-318.  
Publikation: Forskning - peer review › Tidsskriftartikel
6. **DiffGame : Game-based mathematics learning for physics.** / Pedersen, Mads Kock; Svenningsen, Anette; Dohn, Niels Bonderup; Lieberoth, Andreas; Sherson, Jacob.  
I: Procedia - Social and Behavioral Sciences, Vol. 228, 20.07.2016, s. 316-322.  
Publikation: Forskning - peer review › Tidsskriftartikel
7. **Using video recording glasses to get a first person perspective.** / Dohn, Nina Bonderup; Dohn, Niels Bonderup.  
Transforming learning, empowering learners: The International Conference of the Learning Sciences (ICLS) 2016. red. / Chee-Kit Looi; Joseph Polman; Ulrike Cress; Peter Reimann. Vol. 2 Singapore : International Society of the Learning Sciences, 2016. s. 1159-1160.  
Publikation: Forskning - peer review › Konferencebidrag i proceedings

2015

8. **Genetikrapport - en undersøgelse af elevs genrekompetencer i biologi.** / Dohn, Niels Bonderup.  
Elevskrivere i gymnasiefag. red. / Ellen Krogh; Torben Spanget Christensen; Karen Sonne Jakobsen. Odense : Syddansk Universitetsforlag, 2015. s. 245-266.  
Publikation: Forskning - peer review › Bidrag til bog/antologi

2014

**9. Motiverende og interesseskabende naturfagsundervisning.** / Dohn, Niels Bonderup.

01 september 2014. Tilgængelig fra <http://ntsnet.dk/blog/ntsadmin/motivation-og-interesse>,  
[http://ntsnet.dk/sites/default/files/Motiverende%20og%20interesseskabende%20naturfagsundervisning\\_NBD.pdf](http://ntsnet.dk/sites/default/files/Motiverende%20og%20interesseskabende%20naturfagsundervisning_NBD.pdf).

Publikation: Formidling› Net-publikation

**10. Naturfagsmaraton: et (interesseskabende?) forløb i natur/teknik.** / Dohn, Niels Bonderup.

I: Mona, Vol. 2014, Nr. 2, 06.2014, s. 7-22.

Publikation: Forskning - peer review› Tidsskriftartikel

2013

**11. Naturvidenskab.** / Sørensen, Helene; Dohn, Niels Bonderup.

PISA 2012: danske unge i en international sammenligning. red. / Niels Egelund. København : KORA, Det Nationale Institut for Kommuners og Regioners Analyse og Forskning, 978-87-7488, 2013. s. 97-108.

Publikation: Forskning - peer review› Bidrag til rapport

**12. Informal communicative practices in formal settings : Facebook as mediator between contexts.** / Dohn, Nina Bonderup; Dohn, Niels Bonderup.

I: Ethicomp, Vol. 13, 12.06.2013, s. 128-134.

Publikation: Forskning - peer review› Konferenceartikel

**13. Situational interest in engineering design activities.** / Dohn, Niels Bonderup.

I: International Journal of Science Education, Vol. 35, Nr. 12, 2013, s. 2057–2078.

Publikation: Forskning - peer review› Tidsskriftartikel

**14. Upper secondary students' situational interest: : a case study of the role of a zoo visit in a biology class.** / Dohn, Niels Bonderup.

I: International Journal of Science Education, Vol. 35, Nr. 16, 2013, s. 2732–2751.

Publikation: Forskning - peer review› Tidsskriftartikel

2012

**15. Om at måle elevers interesse : operationaliseringens svære kunst.** / Dohn, Niels Bonderup.

I: MONA: Matematik og Naturfagsdidaktik, Vol. 2012, Nr. 3, 2012, s. 71-73.

Publikation: Formidling› Tidsskriftartikel

2011

**16. Situational interest of high school students who visit an aquarium.** / Dohn, Niels Bonderup.

I: Science Education, Vol. 95, Nr. 2, 2011, s. 337-357.

Publikation: Forskning - peer review› Tidsskriftartikel

2010

**17. Interesse : en vigtig forudsætning for biologistuderendes engagement i zoofysiologi.** / Bonderup Dohn, Niels.

I: Dansk Universitetspædagogisk Tidsskrift, Vol. 5, Nr. 9, 2010, s. 36-41.

Publikation: Forskning - peer review› Tidsskriftartikel

**18. PCR med Lego Mindstorms : hur man bygger en tämligen billig och programmerbar PCR-apparat med Lego-bitar.** / Bonderup Dohn, Niels.

I: Bioscience Explained, Vol. 5, Nr. 2, 2010, s. 1-9.

Publikation: Forskning - peer review› Tidsskriftartikel

**19. PCR with Lego Mindstorms : How to build a fairly inexpensive programmable PCR machine with Lego-bricks.** / Bonderup Dohn, Niels.

I: Bioscience Explained, Vol. 5, Nr. 2, 2010, s. 1-9.

Publikation: Forskning - peer review› Tidsskriftartikel

**20. The formality of learning science in everyday life : a conceptual literature review.** / Bonderup Dohn, Niels.

I: NorDiNa, Vol. 6, Nr. 2, 2010, s. 144-154.

Publikation: Forskning - peer review› Tidsskriftartikel

**2009**

**21. The situational interest of undergraduate students in zoophysiology.** / Dohn, Niels Bonderup; Madsen, Peter Teglberg; Malte, H.

I: Advances in Physiology Education, Vol. 33, 2009, s. 196-201.

Publikation: Forskning - peer review› Tidsskriftartikel

**2008**

**22. A social constructivist perspective on situational interest in the biology classroom.** / Dohn, Niels Bonderup.

2008. Abstract from Motivation in action - The 11th International Conference on Motivation, European Association for Research on Learning and Instruction, University of Turku, Finland.

Publikation: Forskning› Konferenceabstrakt til konference

**2007**

**23. Biologiøkskursion - og elevers interesse og læring.** / Dohn, Niels Bonderup.

I: Nyhedsbrev, Nr. 17, 2007, s. 15-18.

Publikation: Formidling› Tidsskriftartikel

**24. Elevers interesse i naturfag - et didaktisk perspektiv.** / Dohn, Niels Bonderup.

I: MONA: Matematik og Naturfagsdidaktik, Nr. 3, 2007, s. 7-24.

Publikation: Forskning - peer review› Tidsskriftartikel

**25. Gymnasieelevers situationelle interesse i forskellige læringsammenhænge i faget biologi.** / Dohn, Niels Bonderup.

Odense : Institut for Filosofi, Pædagogik og Religionsstudier, Syddansk Universitet, 2007. 250 s.

Publikation: Forskning› Ph.d.-afhandling

**2006**

**26. Situeret interesse i biologi.** / Dohn, Niels Bonderup.

Naturfagsdidaktikkens mange facetter: Proceedings fra Det 8. nordiske Forskersymposium om undervisning i naturfag. red. / Lisbeth Bering; Jens Dolin; Lars Brian Krogh; Jan Sølberg; Helene Sørensen; Rie Troelsen. Danmarks Pædagogiske Universitetsforlag, 2006. s. 285-291.

Publikation: Forskning - peer review› Konferencebidrag i proceedings

2005

- 
- 27. Isolering af humant genomisk DNA.** / Dohn, Niels Bonderup; Bramsen, Jesper Bertram.

I: Biofag, Nr. 4, 2005, s. 32-39.

Publikation: Formidling› Tidsskriftartikel

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- 28. Situated interest in biology learning contexts.** / Dohn, Niels Bonderup.

Proceedings of The First Nordic Network of Researchers in Science Communication. red. / Claus Michelsen. Faculty of Science and Engineering, University of Southern Denmark, 2005. s. 5-8.

Publikation: Forskning - peer review› Konferencebidrag i proceedings

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1999

- 
- 29. Bicarbonate binding to hemoglobin links oxygen and carbon dioxide transport in hagfish.** / Fago, A; Malte, H; Dohn, Niels Bonderup.

I: Respiratory Physiology & Neurobiology, Vol. 115, Nr. 3, 1999, s. 309-15.

Publikation: Forskning - peer review› Tidsskriftartikel

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1998

- 
- 30. Volume regulation in red blood cells.** / Dohn, Niels Bonderup; Malte, H.

The biology of hagfish. red. / Jørgen Mørup Jørgensen; Jens Peter Lomholt; Roy E. Weber; Hans Malte. London : Chapman /, 1998. s. 300-306.

Publikation: Forskning› Bidrag til bog/antologi

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**Fortegnelse over bedømmelsesudvalg til  
stilling Assistant Professor in Theories of Social Practice and Sustainability (201709) ved institut for  
Planlægning**

**Navn:** Professor MSO Inge Røpke

**Arbejdssted:** Department of Planning, Aalborg University

**E-mail:** ir@plan.aau.dk

**Navn:** Professor MSO Jeppe Læsse

**Arbejdssted:** Danmarks institut for Pædagogik og Uddannelse, Aarhus Universitet

**E-mail:** Jepl@edu.au.dk

**Navn:** Senior Researcher Anne Jensen

**Arbejdssted:** Department for Environmental Sciences, Aarhus University

**E-mail:** aj@envs.au.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 Professor in Theories of Social Practice and Sustainability (201709)

### Position No.

201709

At Technical Faculty of IT and Design, Department of Planning, Copenhagen a position as Assistant Professor in Theories of Social Practice and Sustainability is open for appointment from 01.07. 2017 or soon hereafter. The position is available for 3 years.

The Department of Development and Planning 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.

### Job description

The assistant professorship in Social Practices and Sustainability is associated with a broader research area on socio-technical transitions and dynamics of social practices related to (un)sustainable production and consumption. We are looking for a candidate with a strong interdisciplinary background, preferably with an educational background within social- and technical sciences, focused around environmental/sustainability consequences of social practices, everyday life and society. The applicant should be able to skillfully undertake analyses of social practice dynamics of production and consumption; therefore the applicant need to have a thorough scientific understanding of, and experience with, conducting analyses of social practice. The applicant is equally expected to have deep knowledge of, and experience with, the wide range of theories of social practices related to research areas of culture, consumption, technology, everyday life and intervention.

A candidate who has demonstrated ability to produce research proposals and obtain external funding is preferred. The position includes teaching obligations, primarily connected to the B.sc and M.sc in Sustainable Design, but teaching engagement in other study programs within Department of Development and Planning should be expected.

You may obtain further professional information from Associate Professor Erik Hagelskjær, phone 60 86 66 10, e-mail: ehl@plan.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 at Aalborg University 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 Nickie Hermansen by mail [nkh@adm.aau.dk](mailto:nkh@adm.aau.dk) or phone (+45) 9940 7902 Information regarding guidelines, ministerial circular in force, teaching portfolio and procedures can be seen [here](#).

**Workplace**

Copenhagen

**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**

31/03/2017

**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.

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# Curriculum Vitae

## Jeppe Læssøe

Professor mso, Danmarks institut for Pædagogik og Uddannelse (DPU), Aarhus Universitet, Tuborgvej 164, 2400 København NV. Tlf 2459 4446, E-mail: [Jepl@edu.au.dk](mailto:Jepl@edu.au.dk)

Hjemmeside: <http://pure.au.dk/portal/da/jepl@dpu.dk>

**Uddannelse:** Cand. Psych. fra Københavns Universitet, 1985. Ph.D. fra Institut for Kommunikations- og Uddannelsesforskning, Roskilde Universitet, 1994

**Ansættelser:** Fra 1985 til 1999 ansat på DTU som forskningsmedarbejder og fra 1995 lektor i miljø og samfund. Fra 1999 til 2003 ansat på Danmarks Miljøundersøgelser som seniorforsker i miljøsociologi. Fra 2003 ansat på DPU/Aarhus Universitet, først som lektor og siden 2009 som professor mso i uddannelse for bæredygtig udvikling.

**Udvalgte andre kvalifikationer:** 2009-2010: Formand for rådgivende ekspertpanel om forbruger- og borgerinvolvering i klimaproblemerne under Energi og Klima Ministeriet.

Fra 2012 dansk repræsentant i De Europæiske Forskningsråds Joint Programme Initiative – Climate arbejdsgruppe om 'Societal Transformation in the Face of Climate Change'.

2014: Leder af bedømmelsespanel, etableret af Norges Forskningsråd, til vurdering af forskningsansøgninger vedrørende Social Transformation in Response to Climate Change. Deltager i et lignende bedømmelsespanel i 2016.

## **Udvalgte relevante forskningsopgaver og –projekter**

### **Udvalgte aktuelle internationale relationer**

2016: Medlem af International Thematic Network on 'Sustainability Education – Teaching and Learning in the face of Wicked Socio-Ecological Problems, koordineret af Ghent University.

2016: Koordinator af 'Education and social learning in response to climate change risk and vulnerability' med Rhodes University, Sydafrika, finansieret af Uddannelses- og Forskningsministeriet.

### **Udvalgte videnskabelige publikationer**

- Læssøe, Jeppe (2017) Environmental Activism i Peters M. (ed): *Encyclopedia of Educational Philosophy and Theory*. Springer.
- Læssøe, Jeppe (2016): Den sovende kæmpe : uddannelse og læring som del af bæredygtig omstilling, i Holten Andersen et al. (red): *Livet efter væksten: samfundsvisioner i en omstillingstid*. Hovedland.
- Alrøe, Hugo Fjelsted; Møller, Henrik; Læssøe, Jeppe; Noe, Egon (2016): Opportunities and challenges for multicriteria assessment of food system sustainability. I: *Ecology and Society*, Vol. 21.
- Læssøe, Jeppe & Yoko Mochizuki (2015): Recent Trends in National Policy on Education for Sustainable Development and Climate Change Education, *Journal of Education for Sustainable Development*, Vol. 9 (1), p. 27-43, Sage.
- Læssøe, Jeppe; Anders Kruse Ljungdalh, Hugo F. Alrøe, Egon Noe, Tove Christensen, Alex Dubgaard, Søren Bøye Olsen, Niels Kærgård and Peter Kastberg (2014): Three perspectives on motivation and multicriteria assessment of organic food systems, in *Ecology and Society* 19, 3
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- Læssøe, Jeppe (2010): Education for Sustainable Development, Participation and Socio-cultural Change. *Environmental Education Research* vol. 16.1., London, Taylor & Francis.
- Læssøe, Jeppe; Johan Öhman (2010); Learning as democratic action and communication - framing Danish and Swedish Environmental and Sustainability Education. I Læssøe, Jeppe; Johan Öhman; (red): The meaning of democracy and values in environmental and sustainable education – contributions from Danish and Swedish research, Special Issue of *Environmental Education Research*, vol. 16.1, London, Taylor & Francis.
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- Læssøe, Jeppe (2007): Participation and sustainable development : The role and challenges of mediating agents. In Alan Reid ; Bjarne Bruun Jensen ; Nikel Jutta ; Venka Simovska. Dordrecht: *Participation and learning : Perspectives on Education and the Environment, Health and Sustainability*. Springer Verlag, 2007. s. 144-158
- Jesper Holm; Lars Kjerulf Petersen ; Jeppe Læssøe ; Arne Remmen ; Carsten Jahn Hansen (red) (2007): *Økologisk modernisering på dansk : Brud og bevægelser i miljøindsatsen*. København, Frydenlund
- Læssøe, Jeppe (2003): Acquisition and Domestication of New Household Technologies – some dynamics behind growth in material consumption, in Adaman, F., Seippel, Ø., O'brien, M. (eds): *Integrating and Articulating Environments: A Challenge for Northern and Southern Europe*, Swets & Zeitlinger.
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- Læssøe, Jeppe (1990) "The Making of the new Environmentalism in Denmark", chapter III (pp. 66 – 120) in Jamison, A; Eyerman, R.; Cramer, J. with Læssøe, J.: *"The Making og the New Environmental Consciousness – A Comparative Study Of The Environmental Movements in Sweden, Denmark and the Netherlands"*, Edinburgh University Press, 1990

## **CURRICULUM VITAE: ANNE JENSEN**

Citizenship: Danish

Married, 2 children Kløvervej 4, 3500 Værløse [aj@envs.au.dk](mailto:aj@envs.au.dk)

### **Academic qualifications**

2006 Ph.D. in Social Science (*Governing with Rationalities of Mobility – A Study of Institution Building and Governmentality in European Transport Policy*), Roskilde University

1999 M.Sc. in Technological and Socio-economic Planning (cand.techn.soc.), Roskilde University.

### **Academic positions**

- 2011 – Senior researcher in environmental sociology, Department for Environmental Sciences, Aarhus University
- 2007 – 2010 Researcher in environmental sociology, Department for Policy Analysis, National Environmental Research Institute, Aarhus University
- 2005 – 2007 Post.doc. researcher at the project *COINCO* (Corridor of Innovation and Cooperation), Roskilde University
- Dec. 2001 – Feb. 2003 Maternity leave
- 2001 – 2006 PhD Fellowship, ENSPAC, Roskilde University
- Dec. 1999 – Aug. 2001 Maternity leave

### **Academic appointments**

- 2015-2019 Appointed member of program committee for Democratic and efficient governance, planning and public administration (Demokratisk og effektiv styring, planlegging og forvaltning) (DEMOS), Norway's National Research Council
- 2013 Appointed ad hoc member of programme committee for Norwegian Environmental Research Towards 2015 (Miljø2015)
- 2013 onwards Member of Group of Cycle Mobility Experts, Danish Cycle Association
- 2012 – 2015 Elected member of Academic Council (Akademisk Råd), Faculty of Science and Technology, Aarhus University
- 2012 onwards Appointed member and elected chair of Council of the Department (Institut Forum), Department of Environmental Sciences, Aarhus University
- 2011 Appointed ad hoc member of programme committee for Research Centre for Environmentally Friendly Energy - Social Sciences (FME Samfunn) (Forskningssentre for miljøvenlig energi – samfundsvitenskap) Norway's National Research Council
- 2010 – 2014 Appointed member of program committee for Democracy, Governing and Regions (Demokrati, Styring og Regionalitet 2011-2014) (DEMOSREG II), Norway's National Research Council

## Research interests

Anne Jensen's primary research interests are centred on urban studies, mobility studies/sustainable mobility, in particular cycle mobility, policy science and climate change in local and national governance. Especially concerning the role of power and meaning in cities and their transition to sustainable cities, as well as in changing mobility behaviour and practices she has built expertise, at the level of daily lives as well as the level of policies in and mechanisms of governing the city and beyond. Her research is aimed at investigating the encounter between practices of policy making, governing and policies, daily lives and social interactions. Running parallel to this, she holds a strong interest in working with methods for qualitative policy analysis, and methods that capture mobility and ideas in their social, spatial and historical context, including methodologies that focus on the non-representational parts of self, identity, space and policy.

## Selected project management

- 2013 – 2016 National project manager of Post-Carbon Cities Transitions (POCACITO), funded by EU-FP7
- 2012 – 2013 Project manager of 'Institutional Barriers for Climate Change Adaptation in Local Governments', funded by Coordination Unit for Climate Change Adaptation Research
- 2010 – 2012 Project manager of WP1.5 'Impacts of Climate Change on Land Use Change in the Red River Delta and its Community Livelihood changes' (ClimaLandLiveDelta), funded by DANIDA
- 2008 – 2009 National project manager of the project 'PEER 2 Climate Policy Integration and Coherence', funded by NERI, Aarhus University
- 2007 – 2008 Project manager of the project 'Risk Perceptions of Pesticide Uses Among Danish Laypeople and Experts' funded by Danish Ministry of the Environment

## Referee

Environment and Planning A; Environment and Planning D; Journal of Transport Geography; Transport Policy; Mobilities; Journal of Urban Studies; Cities; Journal of Planning Theory and Practice; Journal of Local Environment, Geografiska Annaler; Journal of Cleaner Production; South African Journal of Science; Proceedings from Traffic Days at Aalborg University.

## Supervision and teaching

Co-organizer of 2 new master educations *Msc Environmental Policy* and *MSc Environmental System Science* at Department of Environmental Sciences, AU (2010); co-organizer of new planning education *Plan, By, Process*, at ENSPAC, RUC (2006-2008)

Courses conducted at PhD level:

'The Sociology of Materiality of Environmental Interaction', GSST, Aarhus University, October, 2015, w/Lars Kjerulf Petersen

'Critical Mobilities' Sep 2009, Aalborg University, w/Tim Richardson, Ole B. Jensen, and Sven Kesselring

'Critical case studies of Governance', June 2009, Aalborg University, w/Carsten Jahn

'Critical Mobilities' June 2008, Aalborg University, w/Tim Richardson, Ole B. Jensen and Lise D. Nielsen

Co-organizer of 'Critical Mobilities' May 2006, Roskilde University, w/Tim Richardson, Ole B. Jensen, Sven Kesselring and Lise Drewes Nielsen

Supervision and teaching (PhD and master level):

Secondary supervisor on 1 PhD student on transport, urban land use planning and climate change mitigation in Accra, Ghana (2013-2015), 1 PhD student on Water Management, Science and Policy in Climate Change Adaptation in Esino River (2011-2012)

External examiner of 3 PhDs: 'Practice Theory and Organic Consumption' (2012) (Head of examination board) and 'Mobilities and Deliberation in Swedish Urban Planning' (2012) (final pre-evaluation), (2013) (final pre-evaluation)

Environmental Sociology (2011, 2012, 2013), Mobilities (2011, 2012), Planning Theory (2008-2012), Transport and Mobilities (2006, 2007), co-organiser of courses, Qualitative Methodologies (2006, 2007), Environmental Politics and Planning (2005, 2006, 2007)

Master and bachelor level supervision of student projects at ENSPAC, RUC (2003-2007) and Department for Environmental Sciences, AU (2011-)

### **Selected refereed international journal articles**

1. Fujiwara, N, Gruenig, M, Nunez, J, Jensen, A (in review), A Policy-making tool for post-carbon cities using cocreation and living labs, *Urban Studies*.
2. Pérez-Soba M, Paterson JS, Metzger M, Gramberger M, Houtkamp J, Jensen A, Murray-Rust D, Verkerk PJ (in review) Imagining a sustainable land use in Europe: expert visions to support decision making. *Regional Environmental Change*.
3. Jensen, Anne, James Paterson, Marc Metzger, Marta Pérez-Soba, Joske Houtkamp, Dave Murray-Rust, Inge LaRiviera (in review) Visions of cities in Europe: Developing the potential for transitions to sustainable futures and exploring green/blue infrastructures. *Regional Environmental Change*
4. Paterson James S., Anne Jensen, Marta Pérez-Soba, Irene Bouwma, Anouk Cormont, Michael den Herder, Tina Kollaske, Marc J. Metzger, Evangelos Pavlis, Theano S. Terkenli, Ariane Walz and Manuel Winograd (in review) Reviewing policy documents to develop visions for future land use planning, *Regional Environmental Change*
5. Russel, Duncan, Anne Jensen, Eleni Kareli, Helle Ørsted Nielsen (in review). Policy Coordination and the Architecture of National Climate Change Adaptation Strategies in Europe, *Journal of Environmental Policy & Planning*
6. Krellenberg, Kerstin, Bertrand, Natalie, de Haas, Wim<sup>c</sup>, Jensen, Anne, Peltonen, Lasse, Seifert-Dähnn, Isabel (in review), Urban environmental equality in Europe: Towards a research agenda, *City*
7. Metzger MJ, Murray-Rust D, Houtkamp J, Jensen A, LaRiviera I, Paterson JS, Perez-Soba M, Valluri-Nitsch CF (2017) How does Europe want to live in 2040 ? Citizen visions and their consequences for European land use. *Regional Environmental Change*.
8. Brandt, J., Andersen, M. S., Bønløkke, J. H., Christensen, J. H., Ellermann, T., Hansen, K. M., Hertel, O., Im, U. & Jensen, A. (2016). Helbredseffekter og eksterne omkostninger fra luftforurening i Danmark over 37 år (1979-2015), *Miljø og sundhed*. 22, 1, s. 25-33
9. Felix O. Iyalomhe, Giuseppe T. Cirella, Alessio Russo, Anne Jensen & Philipa Idogho (2016). Environmental management systems for Nigeria's higher education: Two-year pilot analysis,



10. Schepers, Paul, Divera Twisk, Elliot Fishman, Anne Jensen, and Aslak Fyhri (2015), The Dutch road to a high level of cycling safety, *Journal of Safety Science*
11. Murray-Rust, Dave, Houtkamp, Joske, Metzger, Marc, La Riviere, Inge, Perez-Soba, Marta, Paterson, James, Jensen, Anne (2014), A graphic novel based approach to large scale elicitation of normative future scenarios, *ACM Information Interfaces and Presentation*
12. Jensen, Anne (2014): Mobility in the nexus between emotional and sensuous embodiment and discursive, ideational construction, chapter in Murray, Lesley and Sara Upstone (Eds.) *Researching and representing mobilities: trans-disciplinary encounters*, London: Routledge.
13. Jensen, Anne (2013): The power of urban mobility: Shaping experiences, emotions and selves on the bike, in S. Kesselring, G. Vogel and S. Witzgall (Eds.) *Tracing the New Mobilities Regime*, Aldershot: Ashgate
14. Iyalomhe, Felix, Jensen, Anne , Critto, Andrea, Marcomini, Anonio (2013): The Science-Policy Interface for Climate Change Adaptation: the Contribution of Communities of Practice Theory, *Environmental Policy and Governance*, 23(6): 368-380.
15. Jensen, Anne, Severine Bommel, Anders Branth Pedersen, Helle Ørsted Nielsen and Wiebren Kuindersma (2013): Framing Climate Change: New directions in Dutch and Danish planning strategies, *Planning Theory and Practice* 14(2), pp. 233-247.
16. Jensen, Anne (2013) Controlling mobility, performing borderwork: cycle mobility in Copenhagen and the multiplication of boundaries, *Journal of Transport Geography*, 30: 220-226.
17. Jensen, Anne (2013): Mobility regimes and borderwork in the European Community, *Mobilities*, 8(1):35-51.
18. Jensen, Anne (2011), Mobility, Space and Power. On the Multiplicities of seeing mobility, *Mobilities*, 6(2):255-271.
19. Jensen, Anne & Tim Richardson (2007): New region, new story: Imagining Mobile Subjects in Transnational Space, *Space and Polity*, Vol. 11 No. 2, pp. 137-150