

Curriculum Vitae, updated March 2008

Kristin Støren Wigum

Birthdate, Place: Norway, Trondheim, 28.04.1971

Marrithial status: Married, 2 children (born 1997, 2001)

Profession: Industrial Designer/ Researcher, PhD

Design practice, research and teaching experience

- 2005- Establisher of Gaia Trondheim, Product and System Design for Sustainability - Research and commercial design consultancy.
- 2005-2009 Associated professor, (30% part time position)
Akershus University College, Department of Product Design, Norway.
- 2005 Project leader (4 months contract) for development of Master´s programme at Norwegian National College of Art and Design, Faculty of Design.
- 2004 Responisble teacher for eco-deign courses executed in China (two weeks intensive programe). Cooperation between NTNU and College of Art and design, Xi'an university of Architecture. Title of course" Sustainable product and service design".
- 1998-2003 Supervisor for project- og master thesis, lecturing eco-design /industrial design at department of Product Design and Engineering/ Programe of Industrial ecology.
- 1999-2002 Researcher and designer in research project "Factor 10 – Eco-efficient beveragesystem ". Projectleader: O.J.Hanssen, Research programme Productivity 2005.
- 2000 NTNU: responsible designer for NTNU's Exhibition Trøndelag 2000, Stjørdal, Norge
- 1999 Concept development: Waste treatment system for regional hospital, RIT 2000 Trondheim. Supervisor and conceptual designer in preproject. Cooperation between Department of Product Design Engineering , GMMa and Hospital RIT 2000 (St.Olav), Trondheim, Norway.
- 1998 TEFT project (technology and research), Fusa Furniture, design of outdoor benches
- 1998 (01.05- 30.07.99) Research Assistant at the Laboratory of Life Cycle Analysis, Department of Product Design Engineering, NTNU
- 1998 (09.03.-30.04.) Part-time teacher, Department of Product Design Engineering, NTNU

1996-1997 Freelance design project works, companies :
Dynoplast AS, Stjørdal, Norway
Duni AB, Halmstad, Sweden

Design and Research project illustration, 1998-2004, portfolio on internet:
http://www.ntnu.no/~kriswig/WigumCVerfaring_files/frame.htm

Research Education

1999-2004, Ph. Doctoral Degree, Norwegian University of Science and Technology, Programme of Industrial Ecology/Department of Product Design. Supervisor: Prof. Ole Jørgen Hanssen.
"Human and ecological problem solving through radical design thinking – analyses and development of design theory and design framework based on long term human needs and ecological sustainable principles". Norway: Tapir Uttrykk, 2004

Education

1992-1997 School of Architecture in Oslo, Department of Industrial Design
Diploma graduate, title of diploma graduate work: "Immaterial Design for Ecological Problem Solving and Improvement of Human Life Quality"
1991-1992 University of Trondheim
Courses within: Mathematics, General Physics, Philosophy, Aesthetics
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Courses within: Mathematics, General Physics, Philosophy, Aesthetics
1987-1991 Upperschool/college, Natural sciences, Strinda videregående skole, Trondheim
1988-1989 Exchange student in Merrillville Highschool, Indiana, USA

Publications/articles:

Hanssen, Ole Jørgen "The environmental effectiveness of the beverage sector in Norway in a factor 10 perspective". The International Journal of Life Cycle Assessment. Volume 12, nr. 4, pages. 257-265. 2007
<http://www.springerlink.com/content/n0203m23vg7u5045/>

Wigum, Kristin S og Arild Berg, "Teaching the importance of redefining the problem, humanistic visions and values in design for less fortunate women in Bangladesh". Akershus University College, Cumulus Conference: Nantes, Frankrike, 2006.

Wigum, Kristin Støren. "Hva er søppel, egentlig?"/"What is garbage, really?". Adresseavis (newspaper article). Trondheim, 13th of .desember 2005.

Wigum, Kristin Støren. Human and ecological problem solving through radical design thinking – analyses and development of design theory and design framework based on long term human needs and ecological sustainable principles. Ph.D thesis, NTNU, Trondheim, Norway: Tapir Uttrykk, 2004

Wigum, Kristin Støren. "Hva er god design?"/ "Good design – what is it?". (news paper article) Avisartikkel - påsidelinjen, Adresseavisa. Trondheim: 9.nov. 2004.

Wigum, Kristin Støren. Hanssen, Ole Jørgen. "Sustainable industrial design methodology for change in a Factor 10 direction". Proceedings, ICED 03 Stockholm, Research for practice. (abstracts printed and articles on CD). Sverige, Linköping: The Design Society, 2003.

Jakobsen, Mette M. Wigum, Kristin S. "Sustainable Services & Systems - 3s, and the impact on ecodesign education". Amsterdam: Towards Sustainable Product Design 6th International Conference, 2001.

Hanssen, Ole Jørgen. Hagen, M. Steinmo, S. Wigum, K.S. Faktor 4/10 Innenfor drikkevaresektoren i Norge. (Eng. Trans:Eco-efficient beverages in a factor 4/10 perspective). Fredrikstad/Trondheim, Norge: Produktivitet 2005, STØ,NTNU, 2001

Keitsch, Martina M. Wigum, Kristin S. "Industrial Ecology Curriculum at NTNU - An Interdisciplinary Approach" . Proceedings of the International Transdisciplinarity 2000 Conference Transdisciplinarity: Joint Problem-Solving among Science, Technology and Society. S. 600-6004. Zürich, Sveits: Swiss Federal Institute of Technology/Haffmans Sachbuch Verlag AG, 2000

Wigum, Kristin S. "The use of eco-philosophy and philosophy as a basis for scientific argumentation in ecological industrial design research". Milano: Design(plus)Research, 2000.

Hanssen, Ole Jørgen. Wigum, Kristin Støren. Status for livssyklusvurderinger og miljøriktig produktutvikling I Norge og Norden. (Norwegian)(Eng. Trans. of title: Status Quo for life cycle assessments and sustainable product development in Norway and Northern part of Europe).

Fredrikstad/Trondheim, Norway: 1998

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Poster:

Støren, Sigurd, Eli Grong Aursand and Kristin Støren Wigum, " Eco-design, dynamic eco-efficiency measures and the prospect of leisure boating", NTNU/Gaia Trondheim, presented at SCORE conference, Wuppertal Institute, Germany, 2006.

Wigum, Kristin Støren. Sustainable Industrial Design – a user-oriented approach for eco-innovation and design. 4th International Industrial Ecology Seminar and Workshop: Industrial Ecology - Methodological and Practical Challenges in Industry, NTVA, Trondheim, 14-15 June 2001.

Assignments

2007-2009 Bord member In NID, Organisation for Norwegian Industrial Designer.

2006,2007, Member of Jury for National Design Award 1, Norway.

2005-2008 Substitute representative in board of Norsk Form (National organisation for Design

and Architecture in Norway)

2005, 2006 Member of jury for Norwegian national Eco-design and innovation Award "Glassbjørnen", GRIP.

2004-2006 Member of advisory board for Norsk Form