

Call for papers

In the area of innovation, design and product development we quite often seem to know that something works in practice, but might lack understanding on the theoretical foundations. Many of the topical issues related to design, development, and innovation that seem to be regarded as “common knowledge” within the industry, are insufficiently founded from the theoretical perspective. On the other hand, results of academic research are not often efficiently disseminated to the industry practitioners. Lately, it has been argued, that design research has often failed in building a sustainable discourse between research and practice with some even calling for new research paradigms. Lack of research and understanding on some of the crucial topical issues and insufficient connection between the industry and academia are likely to provide poor grounds for developing the tools, methods and approaches in a sustainable manner as well as for the education of future design professionals.

We are calling for evidence-based academic work on topical issues on design, development, and innovation that strengthens both our theoretical understanding, and the connection between theory and practice.

The full papers will be double-blind peer reviewed. The review criteria will be the novelty and level of contribution, validity of conclusions, industrial or application perspective and formal qualities of the contribution.

Conference theme

“Highlighting the Nordic approach”

The Nordic approach to design and product development is based on cooperation between industry and academia and education which is often close and informal. We see this as a very important advantage in global competition and want to build on this tradition to further advance the cooperation and co-creation between academia and industry.

We are interested in topics important within and for Nordic countries

Researchers and practitioners are invited to submit contributions to the conference within *but not limited to* the themes and topics presented below.

Bio-inspired design,
biomimetics
Biomedical design
Business models and
considerations
Collaborative design
Communication
Complexity
Computational design
synthesis
Computer aided design
(CAD)
Conceptual design

Concurrent engineering
(CE)
Constraint Modelling
Creativity
Crowdsourcing
Decision making
Design cognition
Design costing
Design education
Design engineering
Design for X (DfX)
Design informatics
Design learning

Design management
Design methodology
Design methods
Design practice
Design process
Design theory
Design to X
Early design phases
Ecodesign
Embodiment design
Emotional design
Entrepreneurship
Ethics

Evaluation	Optimisation	Research methodologies and methods
Functional modelling	Organisation of product development	Risk management
Human behaviour in design	Participatory design	Robust design
Inclusive design	Platform strategies	Service design
Industrial design	Portfolio management	Simulation
Information management	Process modelling	Social responsibility
Innovation	Product architecture	Sustainability
Integrated product development	Product families	Systems engineering (SE)
Knowledge management	Product lifecycle management (PLM)	Teamwork
Lean design	Product modelling	Technology
Market implications	Product modelling, models	Tolerance representation and management
Mechatronics	Product structuring	Uncertainty
New product development	Product-service systems (PSS)	User centred design
Numerical methods	Project management	Virtual engineering (VE)
Ontologies	Requirements	Visualisation
Open Innovation		
Open Source Design		

Contributions on emerging issues is always welcome!

The conference is organized in cooperation with the Design Society and complies to the Design Society's rules and quality standards with respect to review process, publication etc. Submitted full papers will be double-blind peer reviewed.

Submission

Before submitting the abstracts and full papers, the submitting author must register as a user of the ConfTool. The papers can be classified according the themes of the conference.

Key dates:

Abstract submission deadline:	December 16
Notification of acceptance:	January 3
Full papers due:	March 1
Notification of acceptance of full paper:	May 1
Camera-ready papers due:	June 1
Conference	August 10-12

Registration:

The registration fee 450 € includes the proceedings, lunches, refreshments and the conference dinner. For early birds and members of Design Society the registration fee will be 395 EUR.

Further information and local contacts:

Martin Steinert, Casper Boks, Jóhannes Blöndal Sigurjónsson, Andreas Wulvik

More info: www.norddesign2016.org & info@norddesign2016.org