



NORDISK ARKITEKTURFORSKNING

Nordic Journal of Architectural Research

1-2014

Chief Editors:

Claus Bech-Danielsen, cbd@sbi.aau.dk

Danish Building Research Institute, Aalborg University, Denmark.

Madeleine Granvik, Madeleine.Granvik@slu.se

Swedish University of Agricultural Sciences, Department of Urban and Rural Development, Unit of Landscape architecture, Sweden.

Anni Vartola, anni.vartola@aalto.fi

Aalto University, School of Arts, Design and Architecture, Department of Architecture, Finland.

For more information on the editorial board for the journal and board for the association, see <http://arkitekturforskning.net/na/pages/view/Editors>

Submitted manuscripts

Manuscripts are to be sent to Madeleine Granvik (Madeleine.Granvik@slu.se), Claus Bech-Danielsen (cbd@sbi.aau.dk) and Anni Vartola (anni.vartola@aalto.fi) as a text file in Word, using Times New Roman font. Submitted papers should not exceed 8 000 words exclusive abstract, references and figures. The recommended length of contributions is 5 000–8 000 words. Deviations from this must be agreed with the editors in chief. See Author's Guideline for further information.

Subscription

Students/graduate students

Prize: 250 SEK, 205 DKK, 225 NOK, 27.5 Euro

Individuals (teachers, researchers, employees, professionals)

Prize: 350 SEK, 290 DKK, 320 NOK, 38.5 Euro

Institutions (libraries, companies, universities)

Prize: 3 500 SEK, 2900, DKK, 3200 NOK, 385 Euro

Students and individual subscribers must inform about their e-mail address in order to get access to the journal. After payment, send the e-mail address to Trond Haug, trond.haug@sintef.no

Institutional subscribers must inform about their IP-address/IP-range in order to get access to the journal. After payment, send the IP-address/IP-range to Trond Haug, trond.haug@sintef.no

Payment

Sweden, pay to: postgirokonto 419 03 25-3

Denmark, pay to: Danske Bank 1-678-0995

Finland, pay to: Sampo Bank 800013-70633795

Norway, pay to: Den Norske Bank 7877.08.13769

Outside the Nordic countries pay in SEK to SWIFT-address:

PGS ISESS Account no: 4190325-3, Postgirot Bank Sweden, SE 105 06 Stockholm

Published by SINTEF Academic Press

P O Box 124 Blindern, NO-0314 Oslo, Norway

CONTENTS

SCIENTIFIC QUALITY – EDITORS’ NOTES	5
ANNI VARTOLA, CLAUS BECH-DANIELSEN AND MADELEINE GRANVIK	
NINE FACTS ABOUT CONVENTIONS IN ARCHITECTURAL PHOTOGRAPHY	9
MARC GOODWIN	
ARCHITECTS AND END USERS: BOUNDARY OBJECTS IN PARTICIPATORY BRIEFING AND DESIGN	35
KARI HOVIN KJØLLE AND SIRI HUNNES BLAKSTAD	
ERKKI KOISO-KANTTILA AS THE DESIGNER OF LAPLAND’S TYPE-PLANNED HOUSES	65
ANU SOIKKELI	
FEATURES OF URBAN SPACES AND COMMUTING BICYCLISTS’ AESTHETIC EXPERIENCE	89
HARPA STEFÁNSDÓTTIR	
MAPPING DANISH LIGHTING TRENDS.....	117
LONE STIDSEN, NIELS THUESEN AND POUL HENNING KIRKEGAARD	
BOOK REVIEW	141
ARCHITECTURAL COMPETITIONS – HISTORIES AND PRACTICE REVIEWED BY HENNU KJISIK	

SCIENTIFIC QUALITY – EDITORS' NOTES

**ANNI VARTOLA, CLAUD BECH-DANIELSEN AND
MADELEINE GRANVIK**

In the past few months, science news in the Scandinavian countries have flashed more and more disturbing headlines about deceptive research, flawed publications or plain scientific misconduct. The most recent exposé hit the international news headlines in July 2014 when an esteemed publisher decided to retract 60 papers from a science journal because of a fraudulent peer-review ring. Some commentators have accused open access media and even pulled off sting operations to test their quality. Others have blamed academic institutions for favouring quantity over quality of published papers in their promotions and tenuring. Nevertheless, the silver lining in the recent uproar has been the amount of outraged media interest: science is highly valued, and any attempt to gain scientific credits with dishonest methods will be exposed and denounced – sooner or later.

The Nordic Journal of Architectural Research has heeded the increased pressure put on all scientific journals. Every paper published in this journal has gone through a double-blinded scientific peer-review process that has been carried out through a direct, personal contact between the editor and the reviewer. This is worthwhile especially in terms of our focal field of interest, architecture, where circles are small and professional, academic and scientific eminence do not always coincide. Solid scientific quality is crucial to our journal, and the management of the editorial process is the primal duty of the editorial team.

Furthermore, we seek cross-national scientific expertise for the peer-

review process and do our best to avoid any domestic bias in the editorial process. We guard carefully our position as an independent medium and, as a journal, have no strings attached to any of the existing Nordic universities or other institutions. The journal, run by an association established already in 1987, refuses to serve any off-scientific interests no matter how nobly they are disguised in professional, artistic or academic endeavours. We do our best to avoid contributing to the *Age of Misinformation* as our time has already been labelled by some. Our top priority has been – and will continue to be – to promote academic freedom and scientific independence.

Having said that, we introduce an issue of assorted research papers that all serve our purpose of existence. There is no research topic too small, peculiar or unconventional that could not be studied and discussed in a tested scientific manner that crosses national and cultural boundaries. For example, *Anu Soikkeli's* paper focuses on the production of one Finnish architect in Lapland during the post-war reconstruction period in Finland. The meaning of Soikkeli's research extends beyond Lapland, however, as we can see those cosy, unremarkable villas everywhere in the Nordic countries. Indeed, we are all faced with the problem of 20th century historiography and its attempts to canonise architectural value. A second example of the trans-national and trans-cultural exchange value of research is provided by *Harpa Stefansdottir* whose carefully conducted research deals with the aesthetic experience of commuting bicyclists in various urban space-types. At first glance, the topic may appear architecturally irrelevant, but when reflected against the contemporary environmental policy to decrease the amount of car traffic in every major global city, bicyclists' route choices are suddenly not any small matter.

Another type of evidence for the need of research journals such as *Nordic Journal of Architectural Research* is suggested by *Marc Goodwin*, both a professional photographer and a doctoral student, whose paper about the editorial conventions of images in architectural publication bears both pragmatic and scientific significance. When contemporary architectural production seems to be more and more about image-making instead of place-making, the photographs commissioned and the images selected to be published in an architectural media play a crucial role in the way we perceive architectural value. It is only by scientific research that we can access the complete phenomenon and extend the debate over the level of mere criticism.

The paper by *Kari Hovin Kjølle* and *Siri Hunnes Blakstad* holds similar pragmatic lure around its solid scientific core. Ever since Donald A. Schön's seminal treatise, *The Reflective Practitioner* published in 1983, the problem-solving techniques and communication skills of design professionals have been acknowledged to be of crucial importance in terms of experienced quality of the design outcome. Our journal is proud to

publish a rare sample of up-to-date experimental design research: a hands-on study about the functional brief during a participatory design process of an office building.

The paper by *Lone Stidsen, Niels Thuesen and Poul Henning Kirkegaard* are mapping lighting-trends in Danish housing from 1961 to 2010. In a piece of research the authors have developed a method to document sensory qualities of light, and subsequently they have been analysing 3,483 images in the Danish trend magazine *BO BEDRE*. They use this material to map a variety of lighting strategies, and they conclude that these strategies are connected to different functions and rooms in the dwellings.

In addition to publishing scientific papers, the *Nordic Journal of Architectural Research* wants to keep its readers informed about topical publications issued outside our journal. Every now and then, we receive announcements of books and research reports that deserve the attention of the Nordic research community. In this volume, we have chosen to highlight a pioneering book from within the heart of architectural practice: *Architectural Competitions – Histories and Practice* edited by Jonas E. Andersson, Gerd Bloxham Zettersten and Magnus Rönn (The Royal Institute of Technology and Rio Kulturkooperativ, 2013). As the professional tradition in the Nordic countries holds architectural competitions in exceptionally high esteem, the book shares a most refreshing new perspective on the topic.

