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Editorial

FormAkademisk 15 years

– in full activity

FormAkademisk – research journal for design and design education – has now published articles for 15 years! The editorial team started its work in January 2008 and published the first issue in October the same year. FormAkademisk publishes articles from research in a broad field, both design, such as industrial design, visual communication, interaction design, service design, architecture, landscape architecture and urbanism, and design education at all levels from kindergarten to doctorate. For such a broad field of design research, FormAkademisk is in need of a large editorial team. From the initial editorial team, four are still active as section editors:

- Halina Dunin-Woyseth, dr.techn., Professor Emerita, Institute of Architecture, Oslo School of Architecture and Design (AHO), Norway
- Liv Merete Nielsen, dr.ing., Professor Emerita, Department of Art, Design and Drama, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Birger Sevaldson, PhD, Professor, Institute of Design, Oslo School of Architecture and Design (AHO), Norway
- Marte Sørrebø Gulliksen, PhD, Professor, Department of Visual and Performing Arts Education, Faculty of Humanities, Sports and Educational Science, University of South-Eastern Norway, Norway

Since then, several researchers have joined the editorial team, and in alphabetical order they are:

- Arild Berg, dr.arts, Professor, Department of Product Design, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Silje Bergman, PhD, Associate Professor, Department of Visual and Performing Arts Education, Faculty of Humanities, Sports and Educational Science, University of South-Eastern Norway, Norway
- Karen Brænne, PhD, Associate Professor, Department of design, art and crafts, Faculty of Education, Volda University College, Norway

- Ingvild Digranes, PhD, Professor, Department of Arts Education, Faculty of Education, Arts and Sports, Western Norway University of Applied Sciences, Norway
- Laila Belinda Fauske, PhD, Professor, Department of Art, Design and Drama, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Nina Scott Frisch, PhD, Associate Professor, Section for art and crafts, Queen Mauds University College, Norway
- Camilla Groth, dr.arts, Associate professor, Department of Visual and Performing Arts Education, Faculty of Humanities, Sports and Educational Science, University of South-Eastern Norway, Norway
- Denise Hagströmer, PhD, Senior Curator of design, The National Museum of Art, Architecture and Design, Norway
- Anders Hermund, PhD, Architect, Associate Professor, Institute Architecture and design, Royal Danish Academy, Denmark
- Jon Øivind Hoem, PhD, Associate Professor, Department of Arts Education, Faculty of Education, Arts and Sports, Western Norway University of Applied Sciences, Norway
- Hanna Hofverberg, PhD, Associate senior lecturer, Department of Natural Science, Mathematics and Society, Malmö University, Sweden
- Siri Homlong, PhD, Senior Lecturer, Department of Visual Arts and Sloyd Education, Konstfack, Stockholm, Sweden
- Leif Daniel Houck, Architect, Associate Professor, Faculty of Science and Technology, NMBU, Norway
- Morten Birk Jørgensen, PhD, Associate professor, Institute Architecture and Culture, Royal Danish Academy, Denmark
- Steinar Killi, PhD, Professor, Institute of Design, Oslo School of Architecture and Design, Norway
- Mari-Ann Letnes, PhD, Associate Professor, Department of Teacher Education, Faculty of Social and Educational Sciences, NTNU, Norway
- Else Margrethe Lefdal, PhD, Associate Professor, Department of Art, Design and Drama, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Eva Lutnæs, PhD, Professor, Department of Art, Design and Drama, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Ingvill Gjerdrum Maus, PhD, Associate Professor, Department of Art, Design and Drama, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Melissa Anna Murphy, PhD, Deputy head of Department, Department of Culture, Religion and Social Studies, Faculty of Humanities, Sports and Educational Science, University of South-Eastern Norway, Norway
- Nenad Pavel, PhD, Associate Professor, Department of Product Design, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Ida Nilstad Pettersen, PhD, Associate Professor, Department of Design, Faculty of Architecture and Design, NTNU, Norway
- Anniken Randers-Pehrson, PhD, Associate Professor, Department of Visual and Performing Arts Education, Faculty of Humanities, Sports and Educational Science, University of South-Eastern Norway, Norway
- Beata Sirowy, PhD, Researcher, Department of Urban and Regional Planning, Faculty of Landscape and Society, NMBU, Norway
- Astrid Skjerven, PhD, Professor Emerita, Department of Product Design, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Bente Helen Skjelbred, PhD, Associate Professor, Department of Arts Education, Faculty of Education, Arts and Sports, Western Norway University of Applied Sciences, Norway

- Anne Solberg, PhD, Associate Professor Emerita, Department of Visual and Performing Arts Education, Faculty of Humanities, Sports and Educational Science, University of South-Eastern Norway, Norway
- Kristin Støren Wigum, PhD, Associate Professor, Department of Product Design, Faculty of Technology, Art and Design, Oslo Metropolitan University – OsloMet, Norway
- Lovise Søyland, PhD, Associate Professor, Department of Visual and Performing Arts Education, Faculty of Humanities, Sports and Educational Science, University of South-Eastern Norway, Norway
- Stina Westerlund, PhD, Associate professor, Department of Creative Studies (Teacher Education), Umeå University, Sweden

I would like to thank all section editors and peer reviewers for the fantastic efforts you make to ensure a high level of published articles in FormAkademisk. We have always emphasized high quality!

In 2022 we published the 15th volume, and it contained only one issue, the annually *general issue* where we publish sequential submitted articles. We are completing many special issues which will be published continuously. This year's first special issue was published on January 23 at the opening of the 10-year anniversary conference for the *Network for Design, Arts and Crafts in the Higher Education Sector*. And the second, *Liv Merete Nielsen – Festschrift for her 70th anniversary* was published on her birthday, March 23.

As this is the annually *general issue*, where submitted articles are published consecutively, the Editorial will be updated when new articles are being published.

ARTICLES IN THIS ISSUE

Reidulf G. Watten, Professor Emeritus (PhD) at Inland School of Business and Social Sciences, Inland Norway University of Applied Sciences, analyses in the first article *Perceptual Illusions in Norwegian Municipal Coats of Arms* all Norwegian municipal coat of arms using psychophysical methodology. They are a visual symbol for municipal authority normally based on Heraldry. Municipal coats of arms were previously approved by the King in cabinet, but after 2018 all Norwegian municipalities could approve their own coats of arms. The design of the coats of arms can induce visual perceptual illusions which, again, could lead to misinterpretation of the visual symbols. Three categories of illusions could arise: face-illusions, form-illusions, and Hermann grids. The article emphasizes the importance of knowledge of visual perception for municipalities and designers. Norwegian municipal coats of arms should be designed to avoid perceptual illusions.

The second article, *Investigating the Mechanism of the Effect of Nature-based Architectural Components on Residential Satisfaction*, is authored by **Mohammadhossein Azizbabani**, Ph.D. Student in Architecture, **Mohammadreza Bemanian**, Professor (PhD) and **Mansour Yeganeh**, Associate Professor (PhD), all at the Tarbiat Modares University, Iran. They investigate the development of multi-unit urban housing, especially in the metropolises of Iran, where the effects of cultural factors on the perceived quality of housing architecture is not taken into account. The compatibility of lifestyle at the national or structural level with housing can be considered as a general strategy to solve this problem. Based on nature's position in the foundation of the Islamic way of life, it is possible to meet people's significant needs through inspiration from nature. In this article they investigate the mechanism of the effect of nature-based architectural components on residential satisfaction from the Islamic lifestyle perspective in order to apply the findings in architectural planning and programming processes.

Māra Urdziņa-Deruma, Doctor of Education (Dr. paed.) at the University of Latvia, presents in the third article *The preparing pupils for textile technology Olympiads. Teaching design and technology in basic education school context* how design and technology teachers teach pupils who successfully participate in Open Design and Technology Olympiads (textile technology). After interviewing twelve teachers and performing qualitative content analysis, it is concluded that several personality traits are crucial for teachers, for pupils to succeed in the competition: competence, consistent work, and continuous development. An appreciation of school management is also important.

Emma Gyllerfelt, PhD-student at the HDK-Valand Academy of Art and Design, University of Gothenburg, explores in the fourth article *Newly arrived students in the sloyd classroom's learning environment* the learning environment that newly arrived students encounter in sloyd classrooms in Sweden. The empirical material was collected through a handheld camera, at two schools with newly arrived students, in school years 8–9, in the educational subject sloyd. The findings show that newly arrived students' encounters with the rich learning environment of the sloyd classroom contribute to rich social interaction and communication during lessons. Further, the results show how interior and furnishing in sloyd classrooms enable newly arrived students to cooperate and support each other. The article also highlights that the sloyd classroom offers resources that can be used as teaching materials in sloyd teaching.

In starting point of the fifth article *Remember the Future. Prehistoric Design and Sustainability* by **Spyros Bofylatos**, Tutor (Research) (PhD) at Royal College of Art, UK and **Taxiarxis Balaskas**, Maker/Craftsman, is the prehistoric teganoschema archaeological find of the Syros-Keros civilization in the Aegean Sea. These artefacts have led to ongoing debates among archaeologists about their *raison d'être*. The aim of this study is to bring a prehistoric ontological model of design and craft to contemporary design practices. To explore such alternative ontologies, they turn to the past and address the themes of death and life embodied in these prehistoric artefacts. By understanding the ontological framework of prehistoric designers, they endeavour to create propositional artefacts that exemplify what design can be. The propositional artefacts they create act as different phases in a research-through design process that seeks to investigate how design operates within an alternative system of values.

Happy summer and reading!

Oslo, June 2023

Janne Beate Reitan

Editor-in-chief FormAkademisk