

## Fostering Design Driven Research: Next generation researchers take centre stage

Cavallo, R.; Hirschberg, U.

**Publication date**

2021

**Document Version**

Final published version

**Published in**

CA2RE+ 1 Strategies of Design-Driven Research

**Citation (APA)**

Cavallo, R., & Hirschberg, U. (2021). Fostering Design Driven Research: Next generation researchers take centre stage. In C. Peder Pedersen (Ed.), *CA2RE+ 1 Strategies of Design-Driven Research* (Vol. 1, pp. 18-21). Aarhus School of Architecture.

**Important note**

To cite this publication, please use the final published version (if applicable). Please check the document version above.

**Copyright**

Other than for strictly personal use, it is not permitted to download, forward or distribute the text or part of it, without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license such as Creative Commons.

**Takedown policy**

Please contact us and provide details if you believe this document breaches copyrights. We will remove access to the work immediately and investigate your claim.

# CA<sup>2</sup>RE+

## 1 STRATEGIES OF DESIGN-DRIVEN RESEARCH



## **COLOPHON**

**CA<sup>2</sup>RE+                      1        STRATEGIES OF  
DESIGN-DRIVEN RESEARCH**

**2021**

**1st edition**

**Editors                      Claus Peder Pedersen (Main editor), Tadeja  
Zupančič, Markus Schwai, Jo Van Den Berghe,  
Thierry Lagrange**

**Photos—Ghent Conference**

**Tadeja Zupančič, Naime Esra Akin, Claus Peder  
Pedersen**

**Design                      Studio Mathias Skafte**

**Typeface                    Neue Haas Grotesk**

**Publishers                   Aarhus School of Architecture  
ARENA (Architectural Research European Net-  
work Association)  
EAAE (European Association for Architectural  
Education)  
ELIA (European League of Institutes of the Arts)**

**ISBN                        978-87-90979-91-1**

**Image rights and references are the responsibility of the contrib-  
uting authors.**

**This work is licensed under a Creative Commons Attribution 4.0  
International License. (CC BY 4.0)**

**The publication is co-founded by the Erasmus+ Programme of  
the European Union**

## CA<sup>2</sup>RE+ PARTNERS



A R E N A



Conference for  
Artistic and  
Architectural  
REsearch

CA<sup>2</sup>RE+ Collective  
Evaluation of  
Design Driven  
Doctoral Training

*Univerza v Ljubljani*



European Association for  
Architectural Education  
Association Européenne pour  
l'Enseignement de l'Architecture

TU Delft



KU LEUVEN

hcu HafenCity  
University  
Hamburg



UNIVERSIDADE  
LUSÓFONA  
DO PORTO

NTNU



Co-funded by the  
Erasmus+ Programme  
of the European Union

**Fostering Design Driven  
Research:  
Next generation  
researchers take  
centre stage**

Roberto Cavallo  
Urs Hirschberg

ARENA is an open and inclusive network that offers a shared platform aiming at promoting, supporting, developing, and disseminating high-quality research in all fields of architecture in the broadest sense, including its links with building technology, environmental design, interior design, landscape architecture, urban design, and urbanism, and operating in areas ranging from science and technology to the arts and humanities. ARENA encourages the exploration of emerging transdisciplinary and interdisciplinary research fields and supports the European architectural research culture by creating cross-connections between established academics and professionals in the field. It further develops European architectural research by providing regular forums for the exchange of ideas, rigorous peer review processes, and clear definitions of research terms and methods, and by establishing strong links between partner universities and architectural firms in Europe and beyond. One of the main objectives of the ARENA network is to provide information resources to help the development of doctoral students and early-career researchers.

ARENA has been a fervent supporter of CA<sup>2</sup>RE since the very beginning. Many members of the ARENA network have been involved with the establishment of CA<sup>2</sup>RE. First and foremost, our dear colleague Johan Verbeke, who passed away much too soon, but whose legacy plays an important role for both ARENA and the CA<sup>2</sup>RE network. Through the Architecture Research Moment (ARM) conferences, the predecessor of CA<sup>2</sup>RE, Johan brought together research in the fields of architecture and arts. The number '2' in CA<sup>2</sup>RE

stands for the two A's of 'architectural' and 'artistic' research. We are very glad that the CA<sup>2</sup>RE community has been growing, gaining more substance and impact, and that people affiliated with ARENA are part of the core group. With the start of the CA<sup>2</sup>RE+ project, Design Driven Doctoral research claimed a central position on the agenda of many of our colleagues. It is a development that ARENA welcomes very much, as design is one of the main drivers of our discipline and the focus on doctoral research is at the top of the ARENA network agenda.

There are many ways in which the CA<sup>2</sup>RE and CA<sup>2</sup>RE+ initiatives are exemplary. In 2020, when so many of our activities were stalled or slowed down, this became particularly clear. The thoughtful, sustained, in-person discussion and support of research and researchers is at the heart of CA<sup>2</sup>RE's mission. Held at participating universities all over Europe, the CA<sup>2</sup>RE conferences have established a format for this that puts the individual researchers at centre stage. The format gives participants time to reflect and fosters community by letting them mingle outside the sessions. When the pandemic made it impossible to continue in this format, though, the CA<sup>2</sup>RE+ organisers were remarkably quick in finding alternative solutions. The CA<sup>2</sup>RE+ conferences in Trondheim and Milan were successful even as online events, because it was obvious how much the people behind the CA<sup>2</sup>RE+ project indeed cared about the participants, about taking time for meaningful debate and feedback.

The times when research in architecture was not taken very seriously are over. Not least of all

because—the pandemic notwithstanding—we find ourselves in a global ecological crisis in which architecture and construction and the way we manage our cities are of critical importance. There is now an urgent need for substantial and reliable knowledge about how we can make buildings and cities more resource-efficient, how we can restore ecological balance, and how we can create more sustainable and socially just communities. And because all of these questions are inextricably linked with design, there is an equally urgent need for research into design. Reaching out and finding common ground with artistic research is essential for this quest.

For all these reasons and many more, CA<sup>2</sup>RE and CA<sup>2</sup>RE+ are important and ARENA is proud to support them. We invite the CA<sup>2</sup>RE and CA<sup>2</sup>RE+ communities to also participate in our other activities, which we announce on the ARENA webpage at [www.arena-architecture.eu](http://www.arena-architecture.eu), and to publish in AJAR, the peer-reviewed ARENA Journal of Architectural Research ([ajar.arena-architecture.eu](http://ajar.arena-architecture.eu)). There is much more we need to do, and we can do much more when we do it together.



CONTRIBUTORS

**MATTHIAS BALLESTREM**  
Prof. Dr., HafenCity University

**EVA BEKE**  
Doctoral Researcher, KU Leuven

**JOHAN VAN DEN BERGHE**  
Prof. Dr., KU Leuven

**FABRIZIA BERLINGIERI**  
Ass. Prof. Dr., Politecnico di Milano

**ANĐELKA BNIN-BNINSKI**  
Dr., University of Belgrade, ARENA

**MANUEL BOGALHEIRO**  
Ass. Prof., Dr., Universidade Lusófona do Porto

**VIKTORIJA BOGDANOVA**  
Doctoral Researcher, Faculty of Architecture,  
University of Ljubljana

**IGNACIO BORREGO**  
Prof. Dr., TU Berlin

**LOUISE DE BRABANDER**  
Doctoral Researcher, KU Leuven

**ANDREA B. BRAIDT**  
President of ELIA, Head of Study Programmes  
TFM, Institute for Theater, Film and Media  
Sciences, University of Vienna

**ROBERTO CAVALLO**  
Prof. Dr., TU Delft

**ILINA CVETKOVA**

Architectural student, Faculty of Architecture,  
University of Ljubljana

**EVA DEMUYNCK**

Doctoral Researcher, KU Leuven

**AIDA ESPANYOL**

Doctoral Researcher, Aarhus School of Architecture

**OYA ATALAY FRANCK**

Prof. Dr., President EAAE & School of Architecture,  
Design and Civil Engineering, ZHAW Zurich

**ANKE HAARMANN**

Prof., HAW Hamburg

**MARIA HANSEN**

Executive Director ELIA European League of  
Institutes of the Arts

**CHRISTOPH HEINEMANN**

Prof. Dr., HafenCity University

**URS HIRSCHBERG**

Prof. Dr., TU Graz

**ANNA HOUGAARD**

Dr., Tu Berlin

**GITTE JUUL**

Doctoral Researcher, University of Ljubljana and  
Aarhus School of Architecture

**MATHILDE KIRKEGAARD**

Doctoral Researcher, Aarhus School of Architecture

**AGATA KYCIA**

Doctoral Researcher, TU Berlin

**THIERRY LAGRANGE**

Prof. Dr., KU Leuven

**JOEL P. W. LETKEMANN**

Doctoral Researcher, Aarhus School of Architecture

**JACOPO LEVERATTO**

Assistant Prof. Dr., Politecnico di Milano

**ENRICO MIGLIETTA**

Doctoral Researcher, Politecnico di Milano

**SINAN MIHELČIČ**

Doctoral Researcher, University of Ljubljana

**DOMINIK MOHS**

Dipl-Ing., RWTH Aachen University

**JOHN MCLAUGHLIN**

Doctoral Researcher & Lecturer, University College  
Cork, Director of John McLaughlin Architects

**BJORN MELÅS**

Doctoral Researcher, Norwegian University of  
Science and Technology

**JØRN MORTENSEN**

Vice-President ELIA, Dean, School of Arts, Design  
and Media, Kristiania University College

**GIANFRANCO ORSENIGO**

Doctoral Researcher, Politecnico di Milano

**RALF PASEL**  
Prof., Dipl-Ing., TU Berlin

**CLAUS PEDER PEDERSEN**  
Prof. Dr., Aarhus School of Architecture

**GENNARO POSTIGLIONE**  
Prof. Dr., Politecnico di Milano

**CHIARA PRADEL**  
Doctoral Researcher, Politecnico di Milano

**ALESSANDRO ROCCA**  
Prof. Dr., Politecnico di Milano

**EDITE ROSA**  
Prof. Dr., Universidade Lusófona do Porto

**MARKUS SCHWAI**  
Prof. Dr., Faculty of Architecture and Design  
Norwegian University of Science and Technology

**ELI STØA**  
Prof. Dr., Faculty of Architecture and Design,  
Norwegian University of Science and Technology

**PIER PAOLO TAMBURELLI**  
Assistant Prof., Politecnico di Milano

**MONICA TUSINEAN**  
Doctoral Researcher, TU Berlin

**TAUFAN TER WEEL**  
Doctoral Researcher, TU Delft

**JÜRGEN WEIDINGER**  
Prof., TU Berlin

**459**

**MAJA ZANDER**

**Doctoral Researcher, Royal Danish Academy –  
Architecture, Design, Conservation**

**TADEJA ZUPANČIČ**

**Prof. Dr., Faculty of Architecture, University of  
Ljubljana**