

Architectural Research in Finland

Address: <https://journal.fi/architecturalresearchfinland>

ISSN 2489-6799

Publisher

Aalto University
Tampere University
Oulu University
Finnish Association of Architects / Suomen Arkkitehtiliitto SAFA

Editor-in-chief

Kimmo Lapintie
kimmo.lapintie@aalto.fi

Guest Editors (2022 vol. 6, no. 1)

Prof. Günther H. Filz
Dr. Johanna Lilius
Prof. Panu Savolainen

Editorial board

Aalto University:
Prof. Günther H. Filz
Dr. Johanna Lilius
Prof. Panu Savolainen
Prof. Kimmo Lapintie
Dr. Antti Pirinen
Prof. Pirjo Sanaksenaho
Dr. Anne Tervo
Dr. Ira Verma
Tampere University:
M.Sc. Elina Alatalo
Dr. Minna Chudoba
Prof. Panu Lehtovuori
Prof. Fernando Nieto
Dr. Pekka Passinmäki
University of Oulu:
Dr. Aulikki Herneoja
Dr. Sari Hirvonen-Kantola
Dr. Henrika Pihlajaniemi
Prof. Janne Pihlajaniemi
Prof. Anu Soikkeli

Table of contents

Preface by Editor-in-Chief: The urban milieu of Helsinki Kimmo Lapintie	5
Editorial Introduction: Diversity and Architecture Günther Filz, Johanna Lilius & Panu Savolainen	6
Qualities and potential of the courtyard building type in Finnish contemporary urban environment Martino de Rossi	9
Design Developer Competitions in Härryda - From Programming to Implementation Magnus Rönn	28
Five Frameworks to Approaching Architectural Materials Research Heidi Turunen	53
Computational analyses of dynamics of architectural space Yoon J. Han, Toni Kotnik	78
Dvina Settlements in Finland Minna Niemi, Anu Soikkeli	97
Spatial modelling of the void Jhonny Urrea	114
An ephemeral, kinematic pavilion in the light of assembly/disassembly and material use/reuse Serenay Elmas, Günther Filz & Athanasios A. Markou	131
Ambiguous Rationality: The Structural Design of Alvar Aalto Fangjie Xie	146
Materialism as A Cultural Medium Three Projects by Finnish Architects in China Yizhou Zhao, Pirjo Sanaksenaho & Fernando Nieto Fernandez	167
Towards Typological and Spatial Diversities Learning from the typological solutions of the Finnish comprehensive public-school buildings Sari Lehtonen & Marko Kuuskorpi	189

Architectural Research in Finland, vol.6, no.1 (2022)

Stelvio. A novel hands-off approach to design of Settlements as self-organizing systems of growth and decay Martin Ebensperger & Günther Filz	201
Master Builders revisited. The importance of feedback loops: a case study using salvaged timber and wooden nails only Gengmu Ruan, Günther Filz & Gerhard Fink	227
Urbanity as Diversity: On the architectural conditions of urban life Jarre Parkatti	247
Juxtaposition as a Cornerstone for Approaching Diversity in the Built Environment Raya Atour	263
Ways of Seeing: A method of poetic analysis for practice- based researchers in architecture Suzi Pain	277