

# Making the Past Productive

THE FUTURE OF CONSTRUCTION 2024 SYMPOSIUM

Accademia di architettura  
Università della Svizzera italiana, USI

[futureofconstruction.net](https://futureofconstruction.net)

Tuesday, 5.11

Workshops

Future Earth\*

Sacha Cutajar, USI, Ema Krakovska, TU Munich,  
Joschua Gossler, TU Braunschweig

From Waste to Resource

Beril Onalan, Eleftherios Triantafyllidis,  
Ioanna Mitropoulou, ETH Zurich

Preserving Knowledge &  
Data in Digital Fabrication

Adrian Pöllinger, Laurence Crouzet, Rolf Imseng,  
Li Cheng, ETH Zurich

Architecture and AI

Pierre Chèvremont, Lidor Gilad, Stefano Hu,  
Andrea Suardi, Itten+Brechbühl AG

Augmented Carpentry

Andrea Settimi, EPFL

Learning from “Failure”

Kim Nørsgaard Helmersen, ETH Zurich and  
Anastasia Bedova, USI Startup Centre

Scaling New Materials for Net Zero

Sasha Cisar, Radicant AG, Nabila Pranoto,  
Holcim Group, Thibault Demoulin, Oxara AG,  
Chrissie Muhr, Experimental Foundation, Kika  
Brockstedt, Revalu, Götz Hilber, Rematter Earth

Collaborative Structure

Yves Ebnöther, Konrad Graser, David Jenny,  
Eduarne Morales, ZHAW

Undo: Human-Robot Reconfiguring Timber

Eleni Skevaki, Marirena Kladeftira, Ziqi Wang, Jingwen  
Wang, Sihui Wu, Stefana Parascho, EPFL

17:30–19:30 Welcome reception

Please refer to the symposium website for the start and  
times of specific workshops.

\*\* This workshop spans over two days and starts on  
Monday, November 4.

Wednesday, 6.11

Symposium Day 1

Session 1 | ACTIVATING BUILDING CULTURES

- 9:00–9:15

Introduction to Future of Construction 2024 by  
Ena Lloret-Fritschi, USI & Silke Langenberg, ETH Zurich
- 9:15–9:45

Welcome by Luisa Lambertini & Walter Angonese, USI
- 9:45–10:30

Keynote by Stuart Smith,  
ARUP & Holcim Foundation for Sustainable Construction
- 10:30–11:15

Jacqueline Pauli, ZPF Ingenieure & ETH Zurich  
Dirk Hebel, KIT  
Matthias Brenner, ETH Zurich
- 11:15–11:45

Coffee break
- 11:45–12:15

Industry insights & start-ups  
BETONSUISSE, Patrick Suppiger  
RE-WIN, Martina Bischof  
Quadraligna, Jochen Ganz
- 12:15–13:00

Panel discussion moderated by  
R. Loveridge, NCCR dfab & V. Frangez, Halter
- Lunch break and poster session

Session 2 | DIGITAZING PROCESSES

- 14:45–15:15

Ana Anton, ETH Zurich  
Robert Flatt, ETH Zurich
- 15:15–15:45

Industry insights & start-ups  
Foldcast, Fabio Amicarelli  
Müller Steinag, Cédric Doman  
LAYERED, Elliott Sounigo
- 15:45–16:30

Panel discussion moderated by B. Schock, SIA & D. Jenny, ZHAW
- 16:30–17:15

Keynote by Mario Carpo,  
UCL Bartlett
- 17:30–18:00

Closing Day 1 and poster awards
- 18:00–22:00

Opening party

Thursday, 7.11

Symposium Day 2

Session 3 | DEFINING MATERIALS

- 9:30–9:45

Welcome Day 2 by  
Selen Ercan, USI & Orkun Kasap, ETH Zurich
- 9:45–10:30

Keynote by Roger Boltshauser,  
Boltshauser Architekten & ETH Zurich
- 10:30–11:15

Viviana Pozzoli, Equipo de Arquitectura  
Tsz Yan Ng, University of Michigan  
Fabio Gramazio, ETH Zurich
- 11:15–11:45

Coffee break
- 11:45–12:15

Industry insights & start-ups  
T2CM, Claudia Eugenin Soto  
Design++, Anton Savov  
SIA, Birgitta Schock
- 12:15–13:00

Panel discussion moderated by  
K. Graser, ZHAW & K. Dörfler, TU Munich
- Lunch break

Session 4 | CHANGING TRADITIONS

- 14:45–15:15

Maik Ilmer & Felix Thies, Ilmer Thies  
Quintus Miller, Miller & Maranta & USI
- 15:15–15:45

Industry insights & start-ups  
Holcim (Schweiz) AG, Clemens Woegerbauer  
Scandens, Kuba Szczesniak  
irmos, Yves Reuland
- 15:45–16:30

Panel discussion moderated by  
L. Molo, studio we architettura & M. Petzet, USI
- 16:30–17:15

Keynote by Annette Gigon,  
Gigon Guyer Architects
- 17:30–18:00

Closing Day 2
- 18:00

Closing reception