Making
the Past Productive
THE FUTURE OF CONSTRUCTION 2024 SYMPOSIUM

Accademia di architettura
Università della Svizzera italiana, USI

futureofconstruction.net

Tuesday, 5.11
Workshops & guided tours

9:15–15:00 | Workshops

Future Earth

From Waste to Resource

**Preserving Knowledge &
Data in Digital Fabrication**

Architecture and AI

Augmented Carpentry

Learning from "Failure"

Scaling New Materials for Net Zero

Undo: Human-Robot Reconfiguring Timber

Collaborative Structure

17:30–19:30 | Welcome reception

Wednesday, 6.11
Symposium Day 1

Session 1 | ACTIVATING BUILDING CULTURES

9:00–9:15	**Introduction** **Welcome by Luisa Lambertini & Walter Angonese,** USI
9:15–10:00	**Keynote by Stuart Smith,** ARUP & Holcim Foundation for Sustainable Construction
10:00–10:45	**Jacqueline Pauli,** ZPF Ingenieure & ETH Zurich **Dirk Hebel,** KIT **Matthias Brenner,** ETH Zurich
10:45–11:15	Coffee break
11:15–11:45	Industry insights & start-ups **RE-WIN,** Basel **QuadraLigna,** Basel
11:45–12:30	Panel discussion moderated by R. Loveridge (NCCR dfab) and V. Frangez (Halter)
	Lunch break and poster session

Session 2 | DIGITAZING PROCESSES

14:15–14:45	**Ana Anton,** ETH Zurich **Robert Flatt,** ETH Zurich
14:45–15:15	Industry insights & start-ups **Foldcast,** Mendrisio **Müller Steinag,** Luzern **LAYERED,** Zurich
15:15–16:00	Panel discussion moderated by B. Schock (SIA, schockguyan) and D. Jenny (ZHaW)
16:00–16:45	**Keynote by Mario Carpo,** UCL Bartlett
17:00–18:30	Opening party & poster awards ceremony

Thursday, 7.11
Symposium Day 2

Session 3 | DEFINING MATERIALS

9:00–9:15	**Welcome**
9:15–10:00	**Keynote by Roger Boltshauser,** Boltshauser Architekten & ETH Zurich
10:00–10:45	**Fabio Gramazio,** ETH Zurich **Tsz Yan Ng,** University of Michigan **Viviana Pozzoli,** Equipo de Arquitectura
10:45–11:15	Coffee break
11:15–11:45	Industry insights & start-ups **T2CM,** Santiago **Design++,** ETH Zurich **SIA,** Zurich
11:45–12:30	Panel discussion moderated by K. Graser (ZHaW) and M. Vegetti (SUPSI)
	Lunch break

Session 4 | CHANGING TRADITIONS

14:15–14:45	**Maik Ilmer & Felix Thies,** Ilmer Thies **Quintus Miller,** Miller & Maranta, & USI
14:45–15:15	Industry insights & start-ups **Scandens,** Zurich **Holcim (Schweiz) AG,** Zurich **irmos,** Zurich
15:15–16:00	Panel discussion moderated by L. Molo (studio we architettura) and M. Petzet (USI)
16:00–16:45	**Keynote by Annette Gigon,** Gigon Guyer Architects
17:00–18:30	Closing reception