

Urgent Action!

Keynote 1 Susanne Kytzia completed her studies at the university of St. Gallen with a PhD in the field of corporate environmental management and co-founded a consulting firm for environmental information management. After joining a research group for waste and resource management at a Swiss federal research institute in 1995, she was elected Assistant Professor for Regional Resource Management at the Swiss Federal Institute of Technology Zurich. Since 2006 she has been a Professor for Sustainability in Construction at Eastern Switzerland University of Applied Sciences.

Respondence Willi Haas teaches and researches at the Institute of Social Ecology, University of Natural Resources and Life Sciences Vienna (BOKU). He graduated as mechanical engineer and obtained his doctorate in philosophy, subject sociology. In his work he investigates society-nature interactions across time and space, drawing on insights about the transition from agrarian to industrial societies to better understand the options for the next transition to a post-fossil and more circular society.

Dialog with the existing

Christoph Müller is co-founder of zirkular (zirkular.net). He consults real estate investors and architects on how to transform existing buildings and design with reused building elements reclaimed prior to demolition. He studied architecture at TU Wien (Vienna University of Technology). Before he worked with zirkular he was a lead architect at baubüro in situ, focusing on affordable housing for refugees. He started his career with the United Nations and international NGOs in the field of humanitarian shelter.

Inge Vinck and Jan De Vylder, co-founders of former architecten de vylder vinck taillieu (A DVVT) are now running A JDVIV / IVJDV A + ETC, an award-winning multidisciplinary practice of making and thinking based in Ghent. They understand architecture as open-ended, even as an invitation to change. Through surprising interventions in existing structures, they stimulate new perspectives and turn problems into qualities. Inge Vinck is a professor at the Kunstakademie Düsseldorf (Germany) and Jan De Vylder holds a chair at ETH Zurich.

Systemic change and individual approaches

Jeroen van den Bergh is ICREA Professor of Environmental & Climate Economics at Universitat Autònoma de Barcelona, and Professor of Environmental & Resource Economics at Vrije Universiteit Amsterdam. He was Editor-in-Chief of the journal Environmental Innovation and Societal Transitions, and received the Royal/Shell Prize 2002 for Sustainability Research, IEC's Sant Jordi Environmental Prize 2011, an ERC Advanced Grant in 2017, and an honorary doctorate from the Dutch Open University (2019).

DK Osseo-Asare and Ryan Bollom co-founded Low Design Office, a transatlantic architecture and integrated design practice based in Austin, Texas and Tema, Ghana. LowDO bridges design and fabrication to realize more with less, demonstrating that spaces shape well-being, that humans and ecologies perform best at low stress levels, and that optimizing efficiency with harmony can maximize the power of the built environment. DK Osseo-Asare also teaches as Assistant Professor of Architecture and Engineering Design at Penn State.

Søren Nielsen is a partner at Vandkunsten Architects in Copenhagen, one of the country's leading socially and environmentally engaged businesses. He received his MArch from the Royal Academy of Copenhagen, where he holds a position as external lecturer. Responsible for Vandkunsten's R&D activities, Søren Nielsen is devoted to design strategies for sustainability, in particular resource protection, reuse, as well as social and cultural aspects of circularity.

Susanne Witzgall is a senior lecturer for transdisciplinary studies at the Academy of Fine Arts Munich, where she has been directing the cx centrum für interdisziplinäre studien since 2011. She is the author and editor of numerous books and essays on contemporary art, on the relationship between art and science, and on current interdisciplinary discourses. These also include the anthologies Power of Material / Politics of Materiality (2014, with K. Stakemeier) and Hybrid Ecologies (2019, with M. Kesting, M. Muhle, and J. Nachtigall).

Accelerated reverse engineering

Keynote 2 Hanif Kara OBE contributes 40+ years' international industry experience. He is a co-founder and design director of the engineering practice AKT II, with projects across 50 countries. He is also routinely advising for global architectural organizations such as the Aga Khan Network and the World Architecture Festival, as well as for UK industry bodies such as the Design Council and the National Infrastructure Commission. And he is a professor in practice for architectural technology with the Harvard GSD.

Baerbel Mueller is an architect and researcher based in Austria and Ghana. She is Dean of the I oA, Angewandte, and head of the [Applied] Foreign Affairs lab, which investigates spatial, environmental and cultural phenomena in rural and urban Sub-Saharan Africa and the Middle East. She is founder of nav_s baerbel mueller, which has been focusing on projects located on the African continent since 2000. Her work comprises architecture, urban research, installations, scenography, and curatorial projects.

Moderator Doris Österreicher is a researcher at the University of Natural Resources and Life Sciences Vienna (BOKU). Her work focuses on climate adaptive and sustainable architecture and urban planning with an emphasis on energy and resources. She is also a partner at Treberspurg & Partner Architekten, an architecture firm specializing in sustainable design.

Curators and organizers Lukas Allner is an architect and researcher. Since 2020, he has been working with Karin Raith to implement Circular Strategies as a field in teaching and research at the IoA, addressing the viable use of resources in architecture.

Karin Raith is head of the Department of Building Construction at the I oA, Angewandte.

circular strategies symposium 3



Auditorium Vorderer Zollamtsstraße 7, 1030 Vienna, buildingconstruction.at

7 October 2022 10:30-17:30 University of Applied Arts Vienna

Global standards — individual processes



Ecosystems collapse, resources are becoming scarce and there is urgent need for action to counteract these developments. Architecture plays a vital role in shaping our relationship with the world. It bears great responsibility, but also offers promising opportunities for change. But where should we focus our attention and which steps could we take now?

This year the Circular Strategies Symposium discusses the universal and the individual. Are there (new) standards that apply globally, or should universal ideas be overcome altogether in favor of local engagement?

Programme

All times are Central European Time

10:00

Admission

10:30

Intro

Welcome Address

Gerald Bast, Rector of the University of Applied Arts Vienna

Introduction

Karin Raith and Lukas Allner, Institute of Architecture, University of Applied Arts Vienna

11:00-11:50

Urgent action!

Given the critical environmental impacts of construction processes, which of the many approaches, ranging from materials recycling to planning for flexibility, should take precedence?

Keynote lecture

Susanne Kytzia, Eastern Switzerland University of Applied Sciences, Rapperswil: “How can future construction reduce our dependence of primary resources and fossil fuels?”

Response

Willi Haas, Institute of Social Ecology, University of Natural Resources and Life Sciences Vienna (BOKU)

Q&A

12:00-13:00

Dialog with the existing

The reactivation of material stocks is an essential task for a future-oriented building culture. With a view to the European context, two positions on architecture enter into a dialog.

Christoph Müller | baubüro in situ / zirkular, Zurich & Basel, Switzerland: “Catch of the day – building with the existing”

Inge Vinck & Jan de Vylder | A JDVIV / IVJDV A + ETC, Ghent, Belgium: “RE-THINKING RE”

Speakers in conversation/Q&A

13:00-14:00

Lunch break

14:00-14:50

Systemic change and individual approaches

Speakers from science and architecture share their views on how established systems could be changed for a better future.

Jeroen van den Bergh, Universitat Autònoma de Barcelona & Vrije Universiteit Amsterdam: “Agrowth, architecture, circularity and climate”

DK Osseo-Asare & Ryan Bollom | LowDO, Austin, Texas and Tema, Ghana: “Humanitarian design & material (re)volution”

Søren Nielsen | Vandkunsten, Copenhagen, Denmark: “The new architectural aesthetics of circularity”

Susanne Witzgall | Akademie der Bildenden Künste München, Germany: „One doesn’t fit all. A critical neomaterialist approach to standardization”

15:00-15:50

Panel discussion

When and how do (international) standards help to create changeable environments, and which circumstances require individual proposals?

With Jeroen van den Bergh, DK Osseo-Asare & Ryan Bollom, Søren Nielsen, Susanne Witzgall

Discussion moderated by Lukas Allner

Q&A

16:00-16:50

Accelerated reverse engineering

Why architecture and the building industry – whether global or local – need to think in reverse and what it takes to speed up this process.

Keynote lecture

Hanif Kara, Harvard Graduate School of Design: “Technological obsolescence could be healed by accelerated reverse engineering”

Response

Baerbel Mueller, Institute of Architecture, University of Applied Arts Vienna

17:00-17:30

Wrap up by Karin Raith, Lukas Allner, Doris Österreicher

Information / imprint

Organization and curation Karin Raith and Lukas Allner, Institute of Architecture, University of Applied Arts Vienna

Moderation Doris Österreicher, University of Natural Resources and Life Sciences Vienna (BOKU)

University of Applied Arts Vienna
Oskar-Kokoschka-Platz 2, 1010 Vienna

Event venue Auditorium, Vordere Zollamtsstraße 7, 1030 Vienna

Further information buildingconstruction.at

