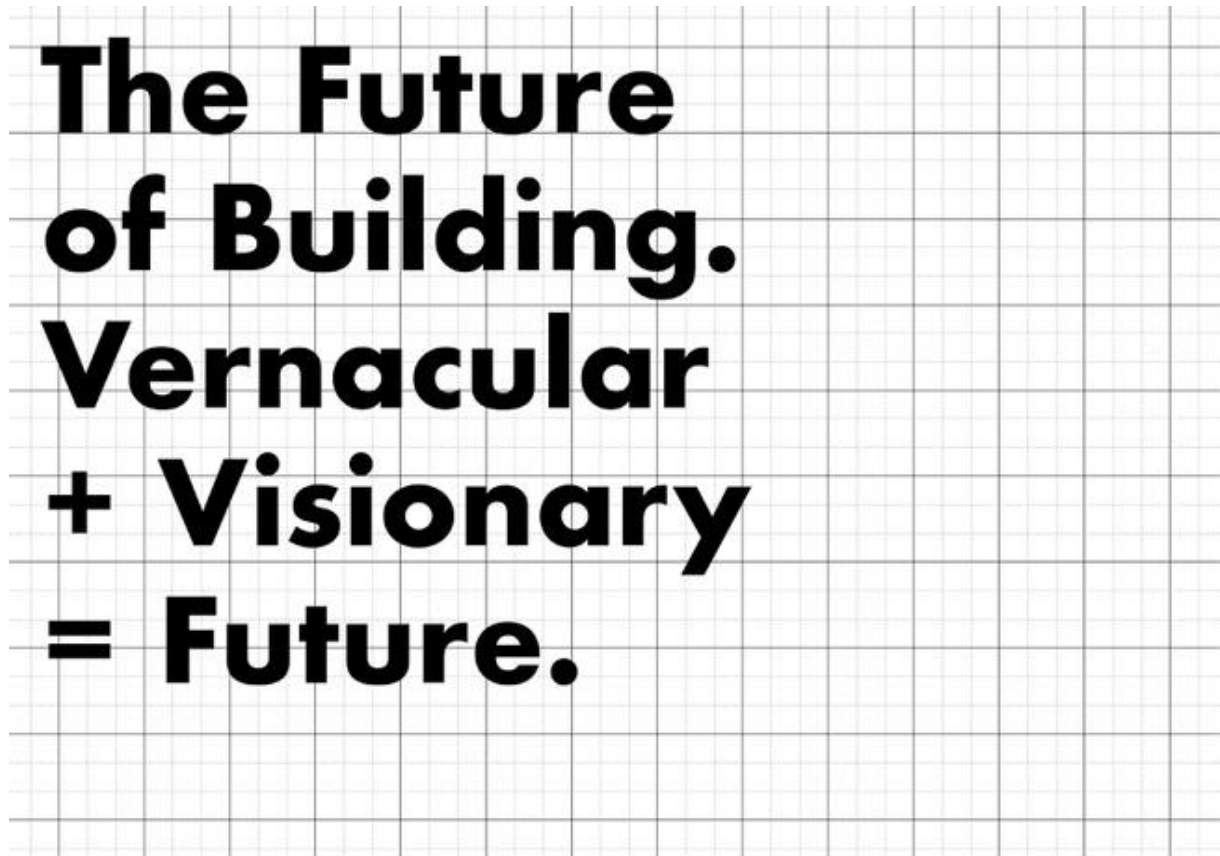


Press release

20.02.–09.03.2023

HDA RESEARCH LABORATORY:



**The Future
of Building.
Vernacular
+ Visionary
= Future.**

New strategies and building methods in times of climate change

Climate change is one of the greatest challenges of our time. As part of the European funding programme LINA – Learning, Interacting and Networking in Architecture, HDA is organizing a three-year research project with young architectural practises from Europe.

The theme of the international project is the numerous severe weather events that are occurring. The intensity of heat waves, storms and floods is statistically increasing and it is expected that the frequency of extreme weather conditions will continue to increase in the future.

This is where the HDA research laboratory comes in. In order to be able to react actively to these challenging weather conditions in terms of construction, new, sustainable building typologies are to be developed that can withstand heavy rain and flooding as well as overheating.

The first research lab will take place in spring 2023 at the HDA and is open to visitors. **We invite you to meet the architects, observe them at work in the development and design process, ask questions but also exchange your own ideas, experiences and inspirations with the researchers.**

Accompanying the research lab there will be an extensive program of lectures by experts at the HDA (in English). All lectures are open to the public - you are cordially invited!

Topics include: Status Quo regarding climate change, historical and new climate-friendly building methods, the sponge city, new research in the field of biotechnology and much more.

[Further information at the HDA website](#)

RESEARCH TEAMS | LINA FELLOWS

The European network LINA (funded by the [Creative Europe Programme](#) of the EU) publishes an annual [Open Call](#) for young architects and creative professionals. From more than 200 applicants, the HDA has selected four young architectural practises that will conduct research together at the HDA:

Ralph Nabil Nasrallah, [PAN- PROJECTS](#), Great Britain / Denmark

Laura Solsona & Eduard Fernández, [self-office](#), Spain

Kateřina Krupičková & Martin Zwahlen, [Zwahlen Krupičková](#), Czech Republic / Switzerland

[Róisín Cahill](#), Ireland

The invited architects will actively participate in the collection of successful building typologies, construction methods and materials from different regions and climatic zones. As architectural practices with different backgrounds they will engage in a professional discussion with all participants during the workshop and lecture events. The aim of the research laboratory is to jointly develop new ideas for intelligent construction methods in response to the challenges posed by the increasing number of severe weather events worldwide.

EVENTS (in english language)**Programme February 20–23**

Monday, February 20, 10 a.m. | Research Programme Presentation

"Introduction and definition of tasks workshop"

Beate Engelhorn, HDA and **Martin Ostermann**, University of Stuttgart

Monday, February 20, 6 p.m. | Lectures, Discussion

"New Generation Dialogue – LINA meets EUROPAN"

Lecturers & Panel guests

Alexandra Würz-Stalder, Municipal Councillor, Committee for Transport, Urban and Green Space Planning, among others, City of Graz

Robert Piechl, Head of Urban Planning Dept, City of Klagenfurt

Pedro Pitarch Alonso, EUROPAN 16 Award Winner

Elisabeth Merk, City Planning Councillor Munich, Head of the Department for Urban Planning and Building Regulations Urban Development and Housing (ret.) Berlin

First Row Respondents

Wolfgang Walder Weissberg, Department of Urban Planning, City of Graz

Wilfried Krammer, Department of Urban Development and Construction, City of Graz

Gernot Kupfer, Chamber of Civil Engineers Styria/Carinthia, Board Member

Artem Kitaev, KOSMOS Architects, Vienna, EUROPAN 16 award winner

Julia Fröhlich + Jomo Ruderer, das wohnlabor

Silvester Kreil, architectural theorist, urban researcher

René Dapperger, Pedro Pitarch Alonso, Raquel Ruiz, Monica Lamela Blazque, EUROPAN-Graz Award Winners

Theresa Reisenhofer, architect, EUROPAN 16 Submitter

Moderation

Iris Kaltenecker, Secretary General EUROPAN Austria, **Beate Engelhorn**, Director HDA – House of Architecture

Tuesday, February 21, 6 p.m. | Lecture

"From climate change to climate crisis"

Helga Kromp-Kolb, former head of the Center for Global Change and Sustainability, Institute for Meteorology and Climatology, University of Natural Resources and Life Sciences (BOKU) Vienna

Wednesday, February 22, 7 p.m. | Lectures

"Traditional Building Methods"

Matthias Castorph, Institute for Building in Existing Contexts and Conservation of Monuments, Graz University of Technology

"New Technologies + Materials Research"

Milena Stavric, Institute for Architecture and Media, TU Graz

Thursday, February 23, 7 p.m. | Lectures

"The LINA Fellows introduce themselves"

From over 200 applicants, the HDA has selected four young architectural firms to conduct research together at the HDA. The architects will introduce themselves and their work in short lectures:

Ralph Nabil Nasrallah, PAN- PROJECTS, GB/DK

Laura Solsona & Eduard Fernández, self-office, ESP

Kateřina Krupiřková & Martin Zwahlen, Zwahlen Krupiřková, CZE/CH

Róisín Cahill, IRL

Programme February 24–March 9

Friday, February 24, 7 p.m. | Lectures

"Latest research from biotechnology"

Matthias Slatner, Innovation Manager, Austrian Center for Industrial Biotechnology

Gibson Nyanhongo, Institute for Environmental Biotechnology at the University of Natural Resources and Life Sciences (BOKU) Vienna

Monday, February 27, 7 p.m. | Lecture

"The Sponge City Principle"

Daniel Zimmermann, architect, 3:0 landscape architecture, Vienna

Thursday, March 2, 7 p.m. | Book presentation

"BREATHE - Investigations into Our Atmospherically Entangled Future"

Klaus Loenhardt, Editor, Head of the Institute for Architecture and Landscape, Graz University of Technology

PRESENTATION AND DISCUSSION OF THE RESEARCH PROJECTS

On two dates, the interim presentation or final presentation of the projects from the HDA research lab will take place with invited guests and experts. The presentations are public and in English.

Friday, March 3, 5 p.m.

Interim presentation research lab with experts

Friday, March 9, 5 p.m.

Final presentation research lab with experts

Followed by: Get together

The research laboratory takes place a part of the EU funded programme LINA.

<https://lina.community/>



University of Ljubljana
Faculty of Architecture



Co-funded by
the European Union

Cooperation partners:

Graz University of Technology

University of Stuttgart

Information on the research laboratory, the events programme and the research team at

<https://hda-graz.at/en/programme/hda-research-laboratory>

Press material at

<https://hda-graz.at/en/press-area-hda/press-information-lina-learning-interacting-and-networking-in-architecture>

Further information on the HDA programme in the context of LINA:

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