universität innsbruck
Digital Science Center (DiSC)

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Department of Experimental Architecture

DiSCourse Seminar

The Digital Science Center and the Department of Experimental Architecture - Building Design and Construction would like to invite you to the following talk:

Andreas Körner
University of Innsbruck & University College London

Variegated Poché: Design Research on Surrogate Models for Ageing Architecture

Environmental and ecological challenges are prompting architects to rethink the relationship between buildings and the environments within which they are placed. The lecture presents design research involving digital simulations and smart materials to engage with the ageing of building surfaces. By merging physical materials with digital tools, the approach shows how natural weathering processes can be incorporated into common methods. The lecture presents selected design research projects exploring weather-related surface changes through thermochromic surrogate models. It draws parallels between 19th-century debates on architectural polychromy and modern concerns about climate change, providing a contextual framework addressing this hybrid approach's economic and disciplinary potential for contemporary challenges in building ecology. More information on the dissertation: https://doi.org/10.25651/5.2023.0001

About the speaker

Andreas Körner is an architectural designer and researcher based in Austria. He is an assistant professor at the Department of Experimental Architecture - Building Design and Construction in Innsbruck and a lecturer in the Bio-integrated Design programme at the Bartlett in London. Andreas' research and design experiments explore the relationship between the built and the natural environment through layering, materials, and environmental simulations. Special interest is given to the impact of weather on surfaces and their textural articulations.

Date, Time, Place:

Friday, 25 October 2024, 12:00 (CEST), hybrid

Participants are invited to join the event at the Digital Science Center, Innrain 15, Open Space Area (1st floor) *or* online via Big Blue Button.

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