webinar

01 July 2022
14:00 - 15:30
CEST

sustainable structural design

14:00
Towards living mycelium materials

Elise Elsacker
Newcastle University

14:45
Structural design for change

Stijn Brancart
Delft University of Technology

As the effects of climate change become ever more visible, sustainable structural design comes to increasing importance. This leads to multiple initiatives in practice and academia. At the current rate, the changes in sustainable structural design practice outpace the publication of research outcomes. In recognition of this, the Sustainable Structural Design webinar series provides a platform to share and discuss new developments in both practice and academia. The webinar series is an initiative of the ReStruct group at the Faculty of Architecture of Delft University of Technology. If you haven't already done so, register for the SSD webinars by sending an e-mail to SustainableStructuralDesign@tudelft.nl.

TU Delft ReStruct

towards living mycelium materials

Elise Elsacker
Newcastle University

Elise Elsacker is Postdoctoral Researcher at the Hub for Biotechnology in the Built Environment of Newcastle University. With her PhD dissertation 'Mycelium Matters' (2020) she was the first to characterise the principal factors that affect the biological and material properties of mycelium composites. In 2018 she co-founded Glimps.bio, a leading innovation agency in bio, creativity and collaboration, which focusses on creating value from waste by finding circular and bio-design solutions for biotech and waste companies.

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Stijn Brancart
Delft University of Technology

Stijn Brancart is Assistant Professor of Structural Design at the Department of Architectural Engineering + Technology of Delft University of Technology. He obtained his PhD in 2018 at the Vrije Universiteit Brussel with a research thesis on rapidly assembled and demountable kit-of-parts structures. After that, he was involved in the 'Buildings as Material Banks' project and other projects related to circular building design and construction. At TU Delft, he develops research on circular structural design, including design for change and reuse of load-bearing components.

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