Keynote Speakers

Dr Faidra Oikonomopoulou

Dr Telesilla Bristogianni

Delft University of Technology

Delft, The Netherlands

Dr. Faidra Oikonomopoulou and Dr. Telesilla Bristogianni are both Assistant Professors at the Architectural Engineering + Technology Department, at the TU Delft Faculty of Architecture and the Built Environment. They have conjointly initiated and developed the research on structural cast glass at TU Delft, with particular focus on innovative structural and architectural applications of cast glass components, on glass recycling and on defining the strength of cast glass. Their deep expertise in the field of cast glass has cemented the research group's position as the world leader in this field. Telesilla and Faidra have been involved in the R&D of several realized cast glass structures (Crystal Houses, the Glass Vault, Qaammat Pavilion, Mirage) and have received multiple awards including the Innovation Award by the Society of Façade Engineers (UK, 2016), the Glass Innovation Award (NL, 2017) and the personal Talent met Toekomst Bouwprijs (NL, 2017). Prototypes of their research work on structural cast glass have been exhibited in several prestigious international fairs and exhibitions. For their research, they have received several prestigious grants, awards and nominations and have given multiple invited talks in universities, companies and institutions in Europe and USA.

Alexandros Cannas, Dipl.-Ing. CEng MICE

Eckersley O'Callaghan

London, United Kingdom

Alexandros Cannas is a structural engineer, with experience working on numerous complex structures made with glass, steel, cables and carbon fibre for buildings and other marine applications. He has an affinity for developing details that are functional but minimalist at the same time. Alexandros is an Associate Director at Eckersley O'Callaghan.

Dr Peter Zoon

Netherlands Forensic Institute

The Hague, The Netherlands

Dr. Zoon is a seasoned forensic scientist with over 15 years of experience, specializing in Microtraces & Materials at the prestigious Netherlands Forensic Institute (NFI). Within the division of chemical and physical traces, he serves as the subject matter lead for forensic glass analysis. His journey in forensic science began after obtaining his PhD in physical organic chemistry from the University of Amsterdam, where he conducted research on single molecule photophysics under the guidance of Prof. Dr. Brouwer. Following this, he pursued a post-doctoral position at the van Leeuwenhoek Centre for Advanced Microscopy in Amsterdam. Here, he focused on the development and implementation of controlled light exposure microscopy in widefield microscopy. After his transition to the NFI; he now is a senior member of the Microtraces & Materials group, where he dedicates his expertise to both forensic casework and research & development. His casework involves intricate microtrace analysis, such as metal particulates embedded in bone, as well as the identification and comparison of unknown particulates. Additionally, he specializes in forensic glass examinations, where his comparative analyses help determine the origins of glass traces found at crime scenes. His work not only assists in criminal investigations, but also contributes to the broader scientific community through research and innovation.

Prof. Corentin Fivet

Structural Xploration Lab

École Polytechnique Fédérale de Lausanne

Lausanne, Switzerland

Prof. Corentin Fivet is associate professor of architecture and structural design at EPFL (Switzerland). Under his direction, the Structural Xploration Lab is a front-runner in developing optimization algorithms, construction methods, and groundbreaking full-scale prototypes that pioneer the reuse of discarded load-bearing components in new building structures. Since April 2024, he is also the Academic Director of the Smart Living Lab, a cross-disciplinary research centre for the future of the built environment.