

Challenging Glass 8

Conference on Architectural and Structural Applications of Glass

Ghent University - June 2022



Photographer: Finbarr Fallon

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Editorial

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Challenging Glass Conference 8

Welcome at Challenging Glass 8!

We gradually emerge from two difficult years of the covid-19 pandemic raging through the world in waves of constantly changing intensities. The associated uncertainties really put the ‘challenging’ into Challenging Glass this time. Still, some of our peers are not able to join us in Ghent, and they will be sorely missed. Nevertheless, we are happy to be able to return this year to the ‘real thing’: a live event which allows the international glass community to finally meet again in person. An excellent opportunity, especially within the UN-declared [International Year of Glass 2022](#). We look forward to reconnect with international colleagues and old friends, but we also want to extend a particularly warm welcome to new and young peers who perhaps have not yet had many opportunities to build their professional network.

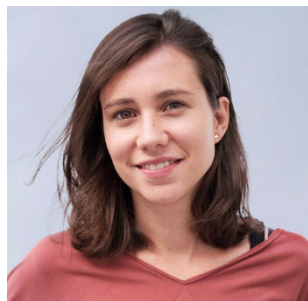
Dedicated as we are to the high standards of the Challenging Glass Conferences, we are once again proud to present a very promising programme. No less than five keynote speakers will share their original insights on glass with us: Stéphanie Le Rhun on glass and circularity; Julian Jones on glass and bio-based materials; Markus Feldmann on the oncoming Eurocode on the Design of Glass Structures; and finally Robert Capel and Iris Rombouts on their latest glass projects. In addition, over 70 papers will be presented by experts from around the world, showcasing the latest findings in academia, practice and industry. Moreover, a special session on adhesive bonding in glass construction is organised by the [European COST Action CertBond CA18120](#) - Reliable roadmap for certification of bonded primary structures.

All papers have been peer reviewed by our scientific committee and are published Open Access in [Volume 8 of the online Challenging Glass Conference Proceedings](#). A selection of papers has been subjected to a separate double-blind peer-review process and is published in the special Challenging Glass issue of the [Glass Structures & Engineering journal](#) (Springer).

Many thanks go to our sponsors, Scientific Committee members, authors and attendees to make it happen. Let’s enjoy together!

Jan Belis, Freek Bos & Christian Louter
Conference Organisers
June 2022

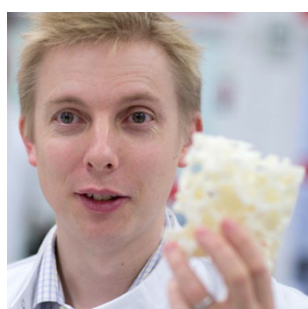
Keynote Speakers



Stéphanie Le Rhun

Eckersley O'Callaghan – Paris – France

Stéphanie Le Rhun is Global Sustainability Lead at Eckersley O'Callaghan. Stéphanie works closely with structures, facades and glass experts at Eckersley O'Callaghan on sustainable design.



Prof. Julian Jones

Imperial College London – London – United Kingdom

Julian Jones is a Professor of Biomaterials at Imperial College London. His research interests are in biomaterials for regenerative medicine, particularly Bioglass related materials.



Prof. Markus Feldmann

RWTH Aachen – Aachen – Germany

Markus Feldmann is Professor and Chair at the Institute of Steel Construction at RWTH Aachen. He is also the chair of the Eurocode CEN/TC 250/SC 11 committee on the Design of Glass Structures.



Robert Capel

Octatube – Delft – The Netherlands

In the role of sales lead, Robert Capel is involved in many early stage design work at Octatube. During his 15 years of professional experience he grew his design & build enthusiasm and enjoys to dissect engineering challenges to build special envelopes and structures.



Iris Rombouts

Octatube – Delft – The Netherlands

Iris Rombouts has 7 years of experience as a structural engineer and projectmanager at Octatube. She's passionate about complex glass and steel structures and always in for new design challenges. Iris has worked on various exciting and high-profile projects.

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The TU/e logo, featuring the text 'TU/e' in a bold, red, sans-serif font.The TU Delft logo, featuring a black stylized graphic of a building or structure above the text 'TU Delft' in a bold, black, sans-serif font.