

Tongji Darmstadt Glass + Façade Seminar 6/2021

Glass is a super nice material and perfect for transparency in the built environment. And it is a really engineering trigger, being a material, not giving any warning before braking! So: more research!

In relation to the shared research and educational activities of Prof Dr. Suwen Chen / Tongji University and Prof Dr. Jens Schneider and Prof Dr. Ulrich Knaack, both TU Darmstadt, we are organizing this 2021 issue of the Glass + Façade Seminars.

09.06.2021

EU Time 8.00-11.30 / Shanghai 14.00 – 17.30

Place: digital (zoom), register at schuster@ismd.tu-darmstadt.de

Hosts: Suwen Chen, Jens Schneider, Ulrich Knaack

8.00 / Session 1: (10 minutes presentation / 5 minutes Q+A)

Siyi Yi / A weakest-link model for size effect on strength of structural glass

Timon Peters / Glass-inclusions

Xiaohan Hao / Cold bending behavior of anticlastic laminated thin glass

Robert Akerboom / AM Glass – a status quo

9.00 Session 2: (10 minutes presentation / 5 minutes Q+A)

Xing Chen / Modeling glass interlayers

Miriam Schuster / Non-linear viscoelastic interlayers

Zhifei Chen / Bond behavior of interlayer and glass based on TCT tests

Matthias Seel: Glass Competence Center / TU Darmstadt

Coffee break (10 min)

10.15 Session 3a: Brainstorming session: glass in 2030? (5 min intro, 20 min brainstorming,)

Glass in 2030 will be mainly about circularity, material performance, health, well-being – or? Here we would like to have the participants sending in advance one-liners with future themes they would like to discuss – to investigate future research opportunities for the collaboration CH/GER!

Jens Schneider / Suwen Chen / Introduction

3 breakout rooms by Schuster, Seel, X. Chen

10.45 Session 3b: Joint Research potentials CH/GER (3x5 minutes wrap-up brainstorm, 15 minutes potentials)

Suwen Chen / Jens Schneider

Closing