

Das 75. BHT – Freiburger Universitätsforum

Fachkolloquium „Additive Manufacturing of Glass“

Date: 05.06.2024

Location: Center of Efficient High Temperature Processes and Materials

Conversion (ZeHS)

Room EG.133

TU Bergakademie Freiberg

Winklerstraße 5

09599 Freiberg

09:00 – 09:30 Welcome

Jun.-Prof. Sindy Fuhrmann, Prof. Henning Zeidler

09:30 – 10:15 Review of state-of-the-art of 3D glass printing of preforms for optical fibres

Heike Ebendorff-Heidepriem, The University of Adelaide

10:15 – 10:45 Coffee break

10:45 – 11:15 Solution-based 3D printing of glass

Shlomo Magdassi, The Hebrew University of Jerusalem

11:15 – 11:45 Additive manufactured glass components for the built environment

Philipp Amir Chhadeh, TU Darmstadt

11:45 – 12:15 Laser-based powder bed fusion of glass

Jens Bliedtner, Ernst-Abbe-Hochschule Jena

12:15 – 13:15 Lunch break

13:15 – 14:15 Guided Tours

Institute of Glass Science and Technology or Chair of Additive Manufacturing (Institute for Machine Elements, Design and Manufacturing)

14:15 – 17:15 Workshop „Challenges and perspectives in additive manufacturing of glass“ ZeHS 3.114, 2.101 and online

with individual coffee breaks