

## ADDITIVE MANUFACTURING OF GLASS

<b>Datum   Date</b> 5. Juni   June 5 <sup>th</sup>	<b>Sprache   Language</b> Englisch   English	<b>Kontakt   Colloquium Office</b> Dipl.-Chem. Magdalena Milek TU Bergakademie Freiberg Institute of Glass Science and Technology Leipziger Str. 28, 09599 Freiberg Tel. (+49) 3731 39-1550
<b>Konferenzort   Venue</b> hybrid, Zentrum für effiziente Hochtemperatur-Stoffwandlung (ZeHS), EG. 133, Winklerstr. 5	<b>Leitung   Chairperson</b> Jun.-Prof. Sindy Fuhrmann Prof. Henning Zeidler	

- 9.00 – 9.30 Welcome**  
Jun.-Prof. Sindy Fuhrmann, Prof. Henning Zeidler
- 9.30 – 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 Lunchbreak**
- 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**