



Contribution ID: 294

Type: **Talk (preferred)**

3D printing Bullseye glass preform for fibre drawing

Tuesday, 13 December 2022 12:15 (15 minutes)

Additive manufacturing makes it possible to produce complex structures and individual pieces directly from the CAD file within short production times. This research focuses on a filament extrusion method, where the objects are directly printed from a soda-lime glass filament.

Primary authors: RADIONOVA, Anna (Institute for Photonics and Advanced Sensing (IPAS) & School of Physical Sciences, The University of Adelaide, Adelaide 5005, SA, Australia); SCHATNER, Erik (Institute for Photonics and Advanced Sensing (IPAS) & School of Physical Sciences, The University of Adelaide, Adelaide 5005, SA, Australia); EBENDORFF-HEIDEPRIEM, Heike; Mrs DENKER, Meike (Institute for Machine Elements, Design and Manufacturing, Freiberg, Germany); Dr KOUTSONIKOLAS, Tony (Maple Glass Printing Pty Ltd, Melbourne, VIC, 3070, Australia); PAN, Xuanzhao (School of Physical Sciences, The University of Adelaide, Adelaide, SA, 5005, Australia); WEI, Yunle (The University of Adelaide)

Presenter: PAN, Xuanzhao (School of Physical Sciences, The University of Adelaide, Adelaide, SA, 5005, Australia)

Session Classification: 7th International Workshop on Speciality Optical Fibres

Track Classification: WSOF: WSOF: Industrial applications and commercialisation