



Contribution ID: 646

Type: **Poster**

## Visualization of glass flow during extrusion to track glass deformations

*Tuesday, 13 December 2022 18:30 (15 minutes)*

The paper reports an experimental method to visualize glass flow through an extrusion die. A soda-lime glass was used as the model glass for the visualization. The initial work used simple die designs to refine existing theoretical models.

**Primary author:** RADIONOVA, Anna (Institute for Photonics and Advanced Sensing (IPAS) & School of Physical Sciences, The University of Adelaide, Adelaide 5005, SA, Australia)

**Co-authors:** Dr SCHARTNER, Erik (Institute for Photonics and Advanced Sensing (IPAS) & School of Physical Sciences, The University of Adelaide, Adelaide 5005, SA, Australia, School of Medicine, The University of Adelaide, Adelaide 5005, SA, Australia); Prof. EBENDORFF-HEIDEPRIEM, Heike (Institute for Photonics and Advanced Sensing (IPAS) & School of Physical Sciences, The University of Adelaide, Adelaide 5005, SA, Australia)

**Presenter:** RADIONOVA, Anna (Institute for Photonics and Advanced Sensing (IPAS) & School of Physical Sciences, The University of Adelaide, Adelaide 5005, SA, Australia)

**Session Classification:** Poster session

**Track Classification:** WSOF: WSOF: Advances and new developments in specialty fibres