

# Conference Agenda

## Session

### SES-02: Material Characterization I

*Time: Wednesday, 05/Feb/2025: 11:00am - 12:20pm*

*Session Chair: Daniel Köhler*

## Presentations

### Scale-up of zinc-air battery electrodes enhanced by 3D X-ray imaging

**Benedetto Bozzini<sup>1</sup>, Alessandro Alleva<sup>1</sup>, Elisa Emanuele<sup>1</sup>, Sheraz Gul<sup>2</sup>, Tianzhu Qin<sup>2</sup>, Wenbing Yun<sup>2</sup>, Lucia Mancini<sup>3</sup>**

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### X-Ray imaging method for in-situ study of particle-laden flows

**Julian Kattinger, Phi-Long Chung, Mike Kornely, Julian Ehrler, Marc Kreuzbruck, Christian Bonten**

University of Stuttgart, Institut für Kunststofftechnik, Germany

### Highly attenuating tracer fibers for fiber orientation determination in short-fiber-reinforced plastics

**Mike Kornely, Marc Kreuzbruck**

University of Stuttgart, Institut für Kunststofftechnik, Germany

### Assessment of the variability of unidirectional prepregs at multiple scales

**Silvia Gomasca<sup>1</sup>, Amin Hosseini<sup>1</sup>, Ran Tao<sup>1</sup>, Daniel Peeters<sup>1</sup>, Bilim Atli-Veltin<sup>1</sup>, Clemens Dransfeld<sup>1</sup>, Benedikt Boos<sup>2</sup>, Christoph Queck<sup>2</sup>, Martin Gurka<sup>2</sup>**

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