

# Conference Agenda

## Session

### SES-10: Instrumentation and New Methods II

*Time: Friday, 07/Feb/2025: 10:50am - 12:30pm*

## Presentations

#### **Automatisation developments on ESRF-EBS BM05 beamline**

**Fabien Léonard, Florian Jürries, Elodie Boller**

The European Synchrotron Radiation Facility, France

#### **Safeguarding accuracy for CT imaging with industrial robots: Efficient calibration methods for arbitrary trajectories**

**Anton Weiss<sup>1</sup>, Simon Wittl<sup>1</sup>, Gabriel Herl<sup>1</sup>, Simon Zabler<sup>1</sup>, Anna Trauth<sup>2</sup>, Markus G. R. Sause<sup>2</sup>**

<sup>1</sup>Deggendorf Institute of Technology, Germany; <sup>2</sup>Institute for Materials Resource Management, University of Augsburg

#### **Cracks in refractory concrete: Transgranular or intergranular?**

**Christian Jung<sup>1</sup>, Katja Schladitz<sup>2</sup>, Claudia Redenbach<sup>1</sup>, Anna Nowacka<sup>1,2</sup>, Jana Hubálková<sup>3</sup>**

<sup>1</sup>RPTU, Germany; <sup>2</sup>Fraunhofer ITWM, Germany; <sup>3</sup>TUBAF, Germany

#### **CT of Clinch Points – Enhancing Interface Detectibility Using Galvanised Layers of Radiopaque Materials**

**Daniel Köhler, Robert Kupfer, Juliane Troschitz, Maik Gude**

Institute of Lightweight Engineering and Polymer Technology, TUD Dresden University of Technology