

## **Session Program**

**16 July 2025**

## **RSE Day 2025**

## **Lightning Talks**

Science City Bahrenfeld, AER Atrium  
Albert-Einstein-Ring 8-10 22761 Hamburg

# Wednesday 16 July

10:00

## Lightning Talks: Block 1

**Session** | **Location:** AER, Room 0005/0010, Albert-Einstein-Ring 8-10 | **Convener:** Anna Reinicke-Vogt

10:00–10:20

### CaloClouds3; Diffusion and normalising flows

#### Speaker

Henry Day-Hall

10:10–10:30

### Digital Edition of the Levezow Album: Interactive Visualization of 17th-Century Drawings

#### Speaker

Amy Isard

10:10–10:30

### Private AI for Research: Secure, Scalable and Automated

#### Speaker

Sven Heins

10:10–10:30

### xbat - An Easy-to-Use and Universally Applicable Benchmarking Automation Tool for HPC Software Within the Project hpc.bw (dtec.bw)

#### Speaker

Willi Leinen

10:10–10:30

### RAT: A Computational Toolkit for Scalable Search System Analysis

#### Speaker

Mr Sebastian Sünkler

10:10–10:30

### ELECTRODE: An electrochemistry package for atomistic simulations

#### Speaker

Ludwig Ahrens-Iwers

10:10–10:30

### The Sign Language Dataset Compendium

#### Speaker

Marc Schulder

10:10–10:30

### EncouRAGE: Evaluating RAG local, fast and reliable

#### Speaker

Jan Strich

10:30

14:15

## Lightning Talks: Block 2

**Session** | **Location:** AER, Room 0005/0010, Albert-Einstein-Ring 8-10 | **Convener:** Anna Reinicke-Vogt

14:15–14:35

### Analyze my data, I don't care how

#### Speaker

Vijay Kartik

14:25-14:45

**The Data Hub: Enhancing Collaborative Research and Intelligence through Reproducible Data Harmonization****Speaker**

Jonathan Ströbele

14:25-14:45

**Memory Efficient Volumetric Deep Neural Network for Digital Volume Correlation****Speaker**

Tak Ming Wong

14:25-14:45

**ISO Schematron: A feather duster to reach the parts other schema languages cannot reach****Speaker**

David Maus

14:25-14:45

**Continuous Integration and Continuous Deployment at DESY****Speaker**

Parthasarathy Tirumalai Nallam Chakravarty

14:25-14:45

**GraphRAG based research data retrieval****Speaker**

Timm Lehmberg

14:25-14:45

**Computational pathology - the gap between clinics and research****Speaker**

Marina Zimmermann

14:25-14:45

**SmartPhase: Start to End Holotomography****Speaker**

Johannes Hagemann

14:25-14:45

**Ten Years of Experience with the Online Media Monitor for Climate Change****Speaker**

Mr Remon Sadikni

14:45