

## **Session Program**

**Feb 25 - 27, 2026**



**HPSF**  
HIGH PERFORMANCE  
SOFTWARE FOUNDATION



# **HPSF Community Summit 2026: A European Workshop on high-performance software**

## **Trilinos & Kokkos III**

Technical University of Braunschweig, SN 20.2

# Thu, February 26

1:00 PM

## Trilinos & Kokkos III

**Session** | **Location:** Technical University of Braunschweig, SN 20.2

1:00 – 1:30 PM

### A User Perspective on Physics-Oriented Block Preconditioning Using Trilinos for Microstructure-Resolved Solid-State Battery Simulations

**Speaker**

Christoph P. Schmidt

1:30 – 2:00 PM

### Modernizing the 4C linear algebra backend: from Epetra to Tpetra

**Speaker**

Matthias Mayr

2:30 – 3:00 PM

### Kokkos Comm: Performance Portable Communication Interface for Distributed Kokkos Applications

**Speaker**

Gabriel Dos Santos

3:00 PM