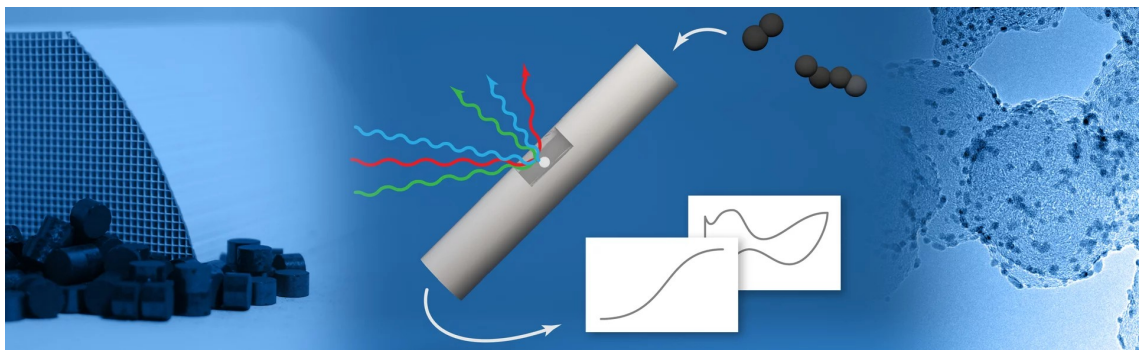


## **Session Program**

**24 September 2025**



## **Operando Day**

### ***Presentations***

Paul Scherrer Institut, Auditorium West

## Wednesday 24 September

09:10

### **Presentations: Sidorenkite-type $\text{Na}_3\text{Fe}(\text{PO}_4)(\text{CO}_3)$ as a Na-ion Battery Cathode - How Does Operando Characterization Help us to Understand Performance Limitations in Battery Materials?**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Samuel Franz Gatti

09:40

09:40

### **Presentations: Tuning the Reactivity of Cu Single Atoms via Potential Pulsing for Selective $\text{CO}_2$ Reduction**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Dr Javier Quilez Bermejo

10:10

10:10

### **Presentations: Operando Multi-spectroscopy of $\text{N}_2\text{O}$ Redox-Mediated Reactions over Fe-Exchanged Zeolites**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Daniel Camilo Cano Blanco

10:40

13:30

### **Presentations: Operando XRD Insights into Battery Electrochemistry: From Liquid to Solid Electrolytes**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Dr Kriti Kriti

14:00

14:00

### **Presentations: Chemometric Analysis of Spectral Data under Real Time Conditions**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Federico Cambiè

14:30

14:30

### **Presentations: Structural Transformations and Activity Correlation in Pd-Zn/C Catalysts for $\text{CO}_2$ Hydrogenation to Methanol**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Sumant Phadke

15:00

15:30

### **Presentations: Understanding Operando Activation in Crystalline and Amorphous Oxygen Evolution Reaction Catalysts**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Kenneth Crossley

16:00

16:00

### **Presentations: Evaluating and Enhancing the Activity of Cu-Exchanged Zeolite Omega for Direct Methane-to-Methanol Conversion**

**Session** | **Location:** Paul Scherrer Institut, Auditorium West | **Convener:** Johannes Wieser

16:30