

**Workshop United Kingdom the 4th of March 2025,**  
**Room E125a - Sir Frederick Mappin Building**  
at The University of Sheffield, Sheffield, United Kingdom

**SECURING THE FUTURE : ADVANCING GRID DIGITALIZATION  
AND CYBERSECURITY**

# WORKSHOP AGENDA

Signing up, Networking and Coffee | 09:30 - 10:00 AM | Room E125a

**Welcome Speech and Presentation of Work  
at University of Sheffield**

10:00 - 10:30 AM



**Xin Zhang**

Professor in Control and Power  
Systems  
University of Sheffield

**Grid Digitalization and Cybersecurity**

10:30 - 11:00 AM



**Louis Raymond**

Market Development Manager  
Opal-RT Technologies

**Cybersecurity (Virtual)**

11:00 - 11:30 AM



**Dr Amir Abiri Jahromi**

Lecturer in Smart Energy Systems  
University of Leeds

**Grid Digitalization and offshore penetration challenges**

11:30 - 12:00 PM



**Anup Nambiar**

Research Engineer  
Offshore Renewable Energy Catapult

**Challenges in Real-Time Operation of GB Electrical Power System,  
Network Modelling and Simulation**

12:00 - 12:30 PM



**Benjamin Bonjesi**

Power System Operation Manager  
National Energy System Operator

Lunch & Networking | 12:30 - 01:30 PM | Level E Heartspace Atrium

**Lab Visit at University of Sheffield | 01:30 - 02:00 PM**

**Resilient Control of Cyber-Physical Microgrids**

02:00 - 02:30 PM



**Mahdiah Sadabadi**

Assistant Professor  
The University of Manchester

**OPAL-RT EXata CPS Cyber Workshop**

02:30 - 03:15 PM



**Steffen Vogel**

R&D & Software Engineer  
Opal-RT Technologies

**Fast Frequency Simulation using OPAL-RT**

03:15 - 03:45 PM



**Peter IMRIŠ**

Senior Power Systems Engineer  
Energy Systems Catapult

**Closing notes** 03:45- 04:00 PM

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# **WORKSHOP LOCATION**

**Sir Frederick Mappin Building : Mappin St, Sheffield City Centre,  
Sheffield S1 3JD, United Kingdom**

Room E125a is located within the Sir Frederick Mappin Building at the University of Sheffield. This building is situated on Mappin Street, in the western part of the campus.

To navigate to the Sir Frederick Mappin Building:

1. Starting from the Students' Union: Head west towards Western Bank.
2. Turn left onto Western Bank and continue straight.
3. Turn right onto Mappin Street.
4. The Sir Frederick Mappin Building will be on your right.

**Once inside the building, room E125a should be on the first floor.**

