OPAL-RT TECHNOLOGIES

Full Workshop Schedule

Future-Proofing the Power Grid: Enhanced Stability and Resilience through Grid Digitalization

February 12–13, 2026

IN COOPERATION WITH

MŰEGYETEM 1782

OPAL-RT TECHNOLOGIES

12th February | Workshop

Future-Proofing the Power Grid: Enhanced Stability and Resilience through Grid Digitalization

Building I | Room IB023
Budapest University of Technology and Economics

9:00-9:30 AM	*Signing up, Networking and Coffee*
9:30-10:00 AM	**Opening Session & Welcome Speech** **János Csatár** | Senior Lecturer Power Systems and Energy Conversion Group at Budapest University of Technology and Economics **Paulina Uryasz** | Business Development Manager at OPAL-RT Technologies
10:00-10:45 AM	**Demo : Real-time simulation of power systems. Current use cases and future challenges** **Louis Raymond** | Market Development Manager, Cybersecurity & Grid Digitalization **Gareth Price** | Field Application Engineer
10:45-11:15 AM	**State-of-the-Art Prototype Testing of PAC Devices** **Regina Anna Gali** | S&A Development Engineer at Protecta Electronics
11:30-12:30 AM	*Lunch Break - Networking*
12:45-1:45 PM	**Lab Visit of Budapest University of Technology and Economics** **Dr. Raisz Dávid** | Associate Professor Power Systems and Energy Conversion Group at Budapest University of Technology and Economics
1:45-2:30 PM	**OPAL-RT HIL Cyber-Physical Testing Platform to Address the Challenges of Grid Digitalization (with demo)** **Louis Raymond** | Market Development Manager, Cybersecurity & Grid Digitalization **Gareth Price** | Field Application Engineer

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2:30-3:00 PM	**Cyber-attack evaluation on a co-simulated, cyber-physical testbed with HIL** **János Csatár** | Senior Lecturer Power Systems and Energy Conversion Group at Budapest University of Technology and Economics
3:00-3:30 PM	**PHIL simulation of an inverter-based microgrid, resynchronization enabled by grid forming control** **Bence Sütő** | Assistant Lecturer Power Systems and Energy Conversion Group at Budapest University of Technology and Economics
Coffee Break 3:30-3:45 PM	
3:45-4:15 PM	**Model-in-the-Loop testing with Hypersim for transmission system studies** **Mario Javorović** | Specialist at HOPS Croatian Transmission System Operator
4:15-4:45 PM	**Digital twins for future project development: a real-life MVDC case study** **Rosalie Rouphael** | R&D Engineer at SuperGrid Institute
4:45-5:00 PM	**Closing Session** **János Csatár** | Senior Lecturer Power Systems and Energy Conversion Group at Budapest University of Technology and Economics

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OPAL-RT TECHNOLOGIES

13th February | Training

Grid Modeling and its Integration with EXata CPS, Communication Network Modeling Environment

Building I | Room IB023
Budapest University of Technology and Economics

Become HYPERSIM-EXata CPS expert
Training session hosted by

Gareth Price | Field Application Engineer at OPAL-RT Technologies

8:00-8:30 AM	*Signing up, Networking and Coffee*
8:30-11:30 AM	**HYPERSIM Training**
11:30-12:15 AM	*Lunch Break - Networking*
12:30-3:30 PM	**EXata CPS Training**
3:30-3:45 PM	**Closing Session** **Paulina Uryasz** | Business Development Manager at OPAL-RT Technologies

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12-13th February | Location

How to reach Magyar Tudósok Körútja 2 (Infopark / Building BME I Épület)

Option A: From M4 Metro – Újbuda-központ

- Get to Újbuda-központ (M4).
- Continue toward the Infopark area (several bus/tram connections serve Infopark, depending on time of day).
- Get off at/near an Infopark stop and walk a few minutes into the campus streets to Magyar Tudósok Körútja 2.
- For official transit planning and current route options, Budapest's transport operator provides timetables and maps.

Option B: By bus directly to Infopark (example: Bus 153)

A common, straightforward approach is taking a bus that terminates at Infopark and then walking a short distance to Magyar Tudósok Körútja 2. (For instance, Bus 153 ends at an Infopark stop.)

Once you arrive: finding the right entrance inside the complex

Because multiple organizations use the same address, confirm the building letter and wing you need:

- You're going to BME, you'll typically be looking for "Building BME I Épület" signage at Infopark.

Inside the building

- Enter through the main lobby/reception.
- Ground floor, on the right side after entering the main entrance, past the reception
- Room : IB023