



IEEE Workshop on Microgrid and Energy Communities

Location: KTH Royal Institute of Technology

Date: Oct 9–10, 2025

Theme: Enabling Integrated, Resilient, and Sector-Coupled Local Energy Systems

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Date: Oct 9–10, 2025

Theme: Integrated & Resilient Local Energy

Day 1 — October 9, 2025

Theme: Microgrids — Technologies and Grid Integration

Morning Session

09:00–09:15 Opening Remarks

Welcome from IEEE PES/PELS Sweden Chapter and KTH Hosts

09:15–10:00 Keynote 1

Claudio Canizares, University of Waterloo, Canada (Confirmed)

10:00–10:45 Keynote 2

Marija Ilic, MIT, USA (Confirmed)

11:00–12:15 Industrial Session A: Grid Companies

Topic: DSO Perspectives on Microgrids and Energy Communities

Panelists: E.ON, Vattenfall, Ellevio, Omexom | Moderator: TBD

Time: 1.5 hours for richer discussion

12:15–13:15 Lunch & Networking

Afternoon Session

13:15–14:00 Keynote 3

Yunwei Ryan Li, University of Alberta, Canada (Confirmed)

14:00–14:45 Keynote 4

Ferdinanda Ponci, RWTH, Germany (Invited)

14:45–15:15 Coffee Break

15:15–16:30 Industrial Session B: Microgrid Technology Providers

Topic: From Pilots to Scalable Microgrid Solutions

Panelists: Hitachi Energy, ABB, Siemens Energy | Moderator: TBD

16:30–17:30 Interactive Session

Topic: Barriers and Enablers for Scalable Microgrid Deployment

Format: Roundtable or World Café with group reporting

18:30–20:30 VIP Dinner

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Day 2 — October 10, 2025

Theme: Energy Communities — Governance, Digitalization & System Integration

Morning Session

09:00–09:45 Keynote 5

Johanna Lakso, CEO, Power Circle (interested, need to decide timeslot, prefer late morning or early afternoon)
Or Swedish Energy Agency, IQ Samhällsbyggnad, CEO Anita Aspegren

09:45–10:30 Keynote 6

Chongqing Kang, Tsinghua University, China (Confirmed)

10:30–12:00 Industrial Session C: Building Sector & Energy Communities

Topic: Deploying Smart Buildings and Real-World Energy Communities

Panelists: Innovatum Science Park (Magnus Kuschel), WSP (Sida Jiang), Bravida, Installatörsföretagen (Pär Lundström), Vasakronan, or ElectricityInnovation

Moderator: TBD

12:00–13:00 Lunch & Networking

Afternoon Session

13:00–13:45 Keynote 7

Vladimir Terzija, Newcastle University, UK (Confirmed)
Friederich Kupzog, AIT (Invited); Zita Vale, Porto (Invited)

13:45–14:30 Keynote 8

Pedro Rodriguez, LIST (interested, need time to confirm, ask remote option)
Nikos Hatzigiorgiou, NTUA (interested, cannot come physically, ask remote option)
Remote option of speakers seems not, or Qianwen Xu and Lennart Söder as backup

14:30–16:30 Roadmap & Collaboration Session

Topic: Shaping the Future Together

Next steps: joint white paper, future events, and collaboration platform

Organization Committee

- **Chair:** Qianwen Xu, KTH
- **Co-Chair:** Ambra Sannino, Vattenfall
- Pär Lundström, Installatörsföretagen
- Lars Nordström, KTH
- Jonas Anund Vogel, KTH