

RT26 Conference Europe agenda

17-19 November, 2026

kassel, Germany

Fraunhofer Institute for Energy Economics and Energy
System Technology Facilities

Please note that the agenda is subject to change at the organizer's discretion to accommodate speaker availability and optimize the event program without prior notice

Scan for more details:



17 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Lab Circle Tour

1 Tour. 3 Labs.

Registration | 13:00–14:00

Lab Circle Tour

14:00–15:15 | Round 1

Lab Circle Tour

15:30–16:45 | Round 2

A guided tour through the **Medium-voltage and HIL Laboratory**, the **Control Room Digital Energy**, and the **District Heating Network Lab**, showcasing digital twins, hardware-in-the-loop testing, grid operation technologies, and innovative thermal energy systems.

Welcome Cocktail | 18:30–20:00

Scan for more details:



18 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Morning session

Schmid-Cramer Conference Room | 0.104/0.105 (EG)

Registration and networking over coffee & tea | 8:30–9:00 AM

Keynote Speaker

9:00–9:30 | Marco Jung (Fraunhofer IEE)

Keynote Speaker

9:30–10:00 | Douglas Wilson (GE UK)

HIL Validation for Data Centers

10:00–10:30 | François Tempez (OPAL-RT Germany)

Coffee break | 10:30–11:00

Large Loads / Data Centers & SST

11:00–11:30 |

Large Loads / Data Centers & SST

11:30–12:00 |

Large Loads / Data Centers & SST

12:00–12:30 |

Scan for more details:



OPAL-RT
TECHNOLOGIES

18 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Afternoon session

Schmid-Cramer Conference Room | 0.104/0.105 (EG)

Lunch | 12:30–14:00

Protection Relay Testing

14:00–14:30 |

Protection Relay Testing

14:30–15:00 |

Protection Relay Testing

15:00–15:30 |

Coffee break 15:30–16:00

Energy Generation & Storage

16:00–16:30 |

Energy Generation & Storage

16:30–17:00 |

Energy Generation & Storage

17:00–17:30 |

Get-Together Dinner | 19:00–21:00

Scan for more details:



18 November , 2026
Fraunhofer Institute for Energy Economics and Energy
System Technology

Morning session

Immerwahr Conference Room | 0.103 (EG)

Registration and networking over coffee & tea | 8:30–9:00 AM

Academic Keynote Speaker

9:00–9:30 | Marco Jung (Fraunhofer IEE)

Industry Keynote Speaker

9:30–10:00 | Douglas Wilson (GE UK)

HIL Validation for Data Centers

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Coffee break | 10:30–11:00

MV Drive

11:00–11:30 |

MV Drive

11:30–12:00 |

MV Drive

12:00–12:30 |

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18 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Afternoon session

Immerwahr Conference Room | 0.103 (EG)

Lunch | 12:30–14:00

E-Mobility

14:00–14:30 |

E-Mobility

14:30–15:00 |

E-Mobility

15:00–15:30 |

Coffee break 15:30–16:00

Grid code compliance and IBR integration

16:00–16:30 |

Grid code compliance and IBR integration

16:30–17:00 |

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Get-Together Dinner | 19:00–21:00

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19 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Morning session

Schmid-Cramer Conference Room | 0.104/0.105 (EG)

Industry Keynote Speaker

9:00–9:30 |

SPS (SimPowerSystems - Specialized Power Systems) : The situation has evolved

9:30–10:00 | Louis Raymond (OPAL-RT Europe)

Academic Keynote Speaker

10:00–10:30 | Pedro Rodriguez (LIST)

Coffee break | 10:30–11:00

Transmission-level Power Electronics (HVDC, FACTS)

11:00–11:30 |

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Transmission-level Power Electronics (HVDC, FACTS)

12:00–12:30 |

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Grid code compliance and IBR integration

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Grid code compliance and IBR integration

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Coffee break 15:30–16:00

Presentation

16:00–16:30 |

Closing Session

16:30–17:00 |

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19 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Morning session

Immerwahr Conference Room | 0.103 (EG)

Keynote Speaker

9:00–9:30 |

SPS (SimPowerSystems - Specialized Power Systems) : The situation has evolved

9:30–10:00 | Louis Raymond (OPAL-RT Europe)

Keynote Speaker

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Coffee break | 10:30–11:00

Transformer & Grid-Edge Power Electronics

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19 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Afternoon session

Immerwahr Conference Room | 0.103 (EG)

Lunch | 12:30–14:00

Featured Technical Presentation

14:00–14:30 |

Featured Technical Presentation

14:30–15:00 |

Featured Technical Presentation

15:00–15:30 |

Coffee break 15:30–16:00

Featured Presentation

16:00–16:30 |

Closing Session

16:30–17:00 |

Scan for more details:



18 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Workshop

Zuse Conference Room | 1.310 (1. OG)

Accelerating Data Center Innovation: Hardware-in-the-Loop Testing for Solid-State Transformers and Advanced Power Electronics

14:00–15:30 | Marija Stevic (OPAL-RT Germany)

Coffee break 15:30–16:00

From Motor Emulation to Physical Validation

De-Risking Inverter Control Development with PHIL

14:00–15:30 | Martin Suberski (TU Ilmenau Transfer)

Scan for more details:



19 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Workshop

Zuse Conference Room | 1.310 (1. OG)

PPC Testing for Grid-Connected BESS Applications: Integrating Black-Box Inverter Controllers into Real-Time Simulation

11:00–12:30 | Sebastian Hubschneider (OPAL-RT Germany)

Lunch | 12:30–14:00

Performing Continuous Integration Testing using the Git Version Control Systems and RT-LAB

14:00–15:30 | Steffen Vogel (OPAL-RT Germany)

Scan for more details:



19 November , 2026

Fraunhofer Institute for Energy Economics and Energy
System Technology

Lab Visit

Limited seats - Advance registration required

SysTec – Test Center for Distribution Networks and Grid Integration

14:00–15:30 | Buss transfer: 13:30

Fraunhofer IEE's **SysTec laboratory** develops and tests technologies for smart distribution grids, renewable energy integration, electric mobility, and energy storage systems.

The facility combines advanced power system laboratories with real-world testing infrastructure for validating future energy technologies under realistic operating conditions.

Scan for more details:

