
DESIGNING AND VALIDATING THE FUTURE INTELLIGENT, ELECTRIC POWER SYSTEMS

Workshop in Kassel, Germany – 06 September 2017

Fraunhofer IWES SysTec Lab, Sonnenallee 30, 34233 Fulda

DRAFT AGENDA

- 08:00** Bus leaves IWES to SysTec Lab
- 08:50 – 09:00** Welcome and introduction @ SysTec (IWES)
- 09:00 – 10:30** ELECTRA IRP - European Liason on Electricity Committed Towards long-term Research Activity Integrated Research Programme
- Overview of ELECTRA
 - Web of Cells real-time concept and corresponding use cases
 - Development of Joint Research Facilities - Integration and Lab Testing for Proof of Concept
 - Experiences from the ELECTRA REX
 - Open discussions and final remarks
- 10:30 – 11:00** **Coffee and Networking**
- 11:00 – 12:30** ERIGrid
- The ERIGrid Integrated Research Infrastructure for Validating Cyber-Physical Energy Systems
 - Holistic system integration and validation procedure
 - Enhanced simulation and lab-based testing methods and tools
 - Open discussion and feedback
 - Wrap-up, summary and conclusions
- 12:30 – 13:30** **Lunch and networking**
- 13:30 – 15:30** Labvisit and demo (IWES)
- 15:30 – 16:00** **Coffee and networking**
- 16:00 – 17:00** Panel discussion: Role of Microgrids Research in Future Power System Research
- SIRFN Microgrids sub-task
 - IEC and IEEE standards for Microgrid controller testing requirements
 - Application of Microgrids in ongoing projects
- 17:00 – 17:30** Open discussion: New H2020 2018-2020 framework
- 17:30 – 18:00** Conclusions and closing of the workshop
- 18:00 – 20:30** **Networking dinner**

[ONLINE REGISTRATION](#)