



2016 Joint Workshop on Cyber-Physical Security and Resilience in Smart Grids

12th April 2016, Vienna, Austria

This workshop is part of the CPS week 2016, 11th - 14th April 2016, Vienna, Austria

Workshop Chairs

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Workshop Scope

Future power systems and smart grids will include a greater Information and Communication Technology (ICT) component, in order to support future energy services. Whilst this prospect has many benefits, it also makes power systems and smart grids more vulnerable to cyber-attacks and introduces increasingly critical dependencies between the cyber and physical domain of power systems. The purpose of this workshop is to be a forum for discussion on the key challenges in ensuring the security and resilience of cyber-physical smart grids. This multi-disciplinary workshop is being co-organized by three major European-funded research projects in the smart grid area, namely the SALVAGE, SEGRID and SPARKS projects. The workshop will run for a full day and include a keynote speech plus regular paper presentations.

Paper Submissions

Submitted papers should not exceed six pages, the workshop language is English. The submitted papers are required to comply with the [IEEE conference format guidelines](#). Please submit your original work via [EasyChair submission system](#). Accepted and presented papers will be submitted to [IEEE Xplore](#), subject to final approval by the conference committee.

Important Dates

Full paper submission deadline: ~~1st February 2016~~
5th February 2016
Notification deadline: 1st March 2016
Final paper submission deadline: 25th March 2016
Workshop date: 12th April 2016

Links and Resources

[Paper guidelines and templates](#)
[Submit your PDF](#)
[Registration](#)
[Venue](#)

Topics of interest include, but are not limited to

- Intrusion detection systems and security analytics for the smart grid
- Resilient control of power systems
- Security and resilience metrics for the cyber-physical smart grid
- Privacy issues and protection schemes for the smart grid
- (Co-)simulation and testbed environments for analyzing security and resilience
- Cyber vulnerability detection and assessment
- Risk analysis of cyber-attacks to smart grids
- Security architectures for the smart grid
- The economics of security and resilience for the smart grid
- Regulatory and legal aspects

Program Committee

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Supporting Projects

[SPARKS](#), [SEGRID](#), [SALVAGE](#)

