Special Session on Security and Privacy Technologies for Intelligent Energy Networks
Call for Papers

IHMMsec 2014
2nd Workshop on Information Hiding and Multimedia Security
June 11-13, 2014 in Salzburg, Austria

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Aim and Scope

Intelligent energy networks, often termed „Smart Grids", introduce information and communication technologies in traditional energy grids, to enable the collection of fine-grained monitoring data and to provide bi-directional communication. This enables a variety of new use-cases, such as the widespread integration of renewable energy sources, smart charging of electric vehicles, demand response management or real-time energy pricing. However, the fine-grained, and sometimes personal data made available in this way has led to severe security and privacy concerns. In this session, we invite papers that leverage insights from security and privacy research, also from other domains (such as multimedia security), to strike a balance between the functionality needed in smart grids and the individual requirements for privacy and security. A special focus of this session is put on the end-user domain, i.e., enhancing end-user acceptance through privacy and security technologies, including increasing user awareness.

Topics include (but are not limited to)

‣ Privacy-enhancing Technologies
‣ Privacy Issues in Smart Grid Use Cases
‣ Secure Signal Processing
‣ Format-compliant Encryption
‣ Information Security
‣ Trusted Computing
‣ Key Management
‣ Authentication
‣ Data Integrity
‣ User-centric Privacy and Security Management
‣ User Awareness

Submission process

We invite contributions of high quality original research and development to be submitted using the online submission system at *http://ihmmsec.org*. Short papers (4-6 pages, showing work in progress with limited test sets for example or just giving indications or tendencies) or full papers (10-12 pages, with general and detailed research contributions) can be submitted.

Important Dates

Paper submission due	January 17, 2014
Notification of acceptance for papers	March 31, 2014
Final camera-ready paper due	May 2, 2014

Organizers:

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