

“Privacy and Security in Smart Energy Grids”

Monday, January 18

Time	Title	Presenter	Duration
7:30-9:00	Breakfast		
9:00 - 10:15	Opening and Explanation of Dagstuhl Seminar Concept	Bart Preneel	15 minutes
	Introduction Seminar 16032	Christiane Peters	30 minutes
	Participants introduce themselves	All	30 minutes
10:15-10:45	Coffee		
Session Chair: Bart Preneel			
10:45 - 12:00	Tutorial Security and Privacy Technologies	George Danezis	45 minutes
	Some observations on the integrity of measurements in the privacy-preserving smart grid	Florian Kerschbaum	30 minutes
12:15-14:00	Lunch		
Session Chair: Klaus Kursawe			
14:00 - 15:30	Tutorial Grid Operator's Perspective/ Intro Distribution Automation	Erwin Kooi	45 minutes
	Typical security issues in software implementing ICS/SCADA protocols	Erik Poll	20 minutes
	Grid operator experience with RTU security	Carlos Montes-Portela	15 minutes
15:30-16:00	Coffee and Cake		
Session Chair/Moderator: Klaus Kursawe			
16:00 - (17:30)	Sniffing buses to catch the hijacker -- ongoing research & ideas	Pol Van Aubel	20 minutes
	Discussion Session Grid Security		
18:00-19:00	Dinner		

Tuesday, January 19

Time	Title	Presenter	Duration
7:30- 9:00	Breakfast		
Session Chair: George Danezis			
9:00 - 10:30	Special Subject Talk: Catastronomics	Eireann Leverett	45 minutes
	Human positive contribution to the cyber security -From safety-II perspective	Makoto Takahashi	20 minutes
	Privacy in machine learning	Nikita Borisov	25 minutes
10:30-11:00	Coffee		
Session Chair: Christiane Peters			
11:00 - 12:00	Tutorial Electric Vehicle Charging	Erik Poll	25 minutes
	Role-model and concept of smart charging of EVs	Carlos Montes Portela	20 minutes
	EV Smart Charging Security Architectures	Benessa Defend	20 minutes
12:15-14:00	Lunch		
Session Chair/Moderator: Christiane Peters			
14:00-15:30	Charging my EV at my Friend's House	Mustafa A. Mustafa	20 minutes
	Discussion Session EV Charging		
	Personal Data Ecosystem	Kazue Sako	20 minutes
15:30-16:00	Coffee and Cake		
Session Chair/Moderator: Stefan Katzenbeisser			
16:00 - 18:00	Tutorial Security building blocks for securing embedded systems	Matthias Schunter/ Ahmad-Reza Sadeghi	45 minutes
	HW and SW security for constrained devices in the smart grid	Ingrid Verbauwhede	20 minutes
	Security of embedded devices against physical attacks	Benedikt Gierlichs	20 minutes
	Discussion Session Embedded Security		
18:00-19:00	Dinner		
20:00-21:45	Movie Night: Citizen Four		

Wednesday, January 20

Time	Title	Presenter	Duration
7:30-9:00	Breakfast		
Session Chair: Stefan Katzenbeisser			
9:15 - 10:30	(In)Secure Smart Metering: Status Update	Klaus Kursawe	45 minutes
	The Interplay of Data Resolution and Privacy in Smart Metering	Dominik Engel	20 minutes
	Private data processing for customized services	Zekeriya Erkin	20 minutes
10:30-11:00	Coffee		
Session Chair: George Danezis			
11:00 - 12:00	Aggregation	George Danezis	20 minutes
	Lessons Learned from Implementing Privacy-Preserving Protocols for Smart Meters	Benessa Defend	20 minutes
	Discussion Session Smart Metering		
	Next Research Challenges		
12:15-13:45	Lunch		