

Meeting Minutes
Emerging Technologies Initiative on Smart Grid Communications (ETI-SG)

Location: ICC 2018, Kansas City, USA

Time: 15:00-17:00, 21 May, 2018

Room: Westport, The Westin Kansas City at Crown Center

List of Attendees:

Last Name	First Name	Affiliation
Andrews	Jeff	University of Texas at Austin, USA
Bi	Suzhi	Shenzhen University, China
Casaca	Augusto	INOV, Portugal
Cebe	Mumin	Florida International University, USA
Ghamri	Yacine	Université La Rochelle, France
Han	Zhu	University of Houston, USA
Hassan	Naveed Ul	Lahore University of Management Sciences, Pakistan
Huang	Jianwei	The Chinese University of Hong Kong
Natarajan	Bala	Kansas State University, USA
Popovski	Petar	Aalborg University, Denmark
Senouci	Sidi Mohammed	University of Bourgogne, France
Tsokao	Ievgenii	TU Dresden, Germany
Wong	Vincent	University of British Columbia, Canada
Wu	Jinsong	Universidad de Chile, Chile
Yang	Fang	Tsinghua University, China
Zhang	Angela Yingjun	The Chinese University of Hong Kong
Zhou	Xiangwei	Louisiana State University, USA

The meeting was called to order by ETI-SG Chair Yingjun Angela Zhang at 15:00 local time.

- (1) The meeting started with introduction by the participants
- (2) The Chair introduced the officers, including Chair, Vice Chairs, Secretary, and Member Relations Chair (Slide 5)
- (3) The Chair introduced the Advisory Board, which was formed after the last ETI-SG meeting (Slide 6)
- (4) The Chair introduced eight special interest groups (SIG) that were formed after the last ETI-SG meeting. The eight SIGs are (Slide 8-16)
 - Communications and Networks to Enable the Smart Grid
Chair: Andrea Tonello, University of Klagenfurt, Austria
 - Cyber Security and Privacy for the Smart Grid
Chair: Chen Chen, Argonne National Laboratory, USA.
Vice Chair: Kevin Dong Jin, IIT, USA
 - Active Distribution Grids and Microgrids
Chair: Zhao Xu, Polytech University, Hong Kong
Vice Chair: Junhua Chao, The Chinese University of Hong Kong (Shenzhen)
 - Smart metering, Demand Response and Dynamic Pricing
Chair: Sid Chau, Masdar Institute, UAE
Vice Chair: Hossein Akhavan-Hejazi, University of California, Riverside, USA
 - Big Data Management and Analytics

Chair: Hamed Mohsenian-Rad, University of California, Riverside, USA

Vice Chair: Marco Levorato, University of California, Irvine, USA

- ICT-Enabled Transactive Energy and Grid Economics
Chair: Lijun Chen, University of Colorado, USA
Vice Chair: Emiliano Dall'Anese, NREL, USA
- Energy Storage and Electric Vehicles
Chair: Chris Develder, University of Gent, Austria
Vice Chair: Hamid Nazaripouya, University of California, Riverside, USA
- Energy Internet and Energy System Integration
Chair: Qinglai Guo, Tsinghua University, China
Vice Chair: Hao Zhu, UT Austin, USA

(5) The Chair reported nine journal special issues are organized by ETI-SG members in 2018. The special issues are (Slide 17-26)

- IEEE Communications Magazine, Special Issue on Emerging Technologies for Connected and Smart Vehicles.
- IEEE Communications Magazine, Special Issue on Internet of Electric Vehicles and Smart Grid.
- IEEE Transactions on Smart Grid, Special Issue on Theory and Application of PMUs in Power Distribution Systems
- IEEE Transactions on Sustainable Computing, Special Issue on Intersection of Computing and Communication Technologies with Energy Systems
- Hindawi Journal on Security and Communication Networks, Special Issue on Cybersecurity in Distributed Smart Systems
- Hindawi Journal on Optimization, Special Issue on Optimization for Electric Power System Resilience
- IET Journal on Cyber-Physical Systems, Special Issue on Cyber-Physical Systems in Smart Grids: Security and Operation
- ACM Transactions on Modeling and Computer Simulation (TOMACS), Special Issue on Principles of Advanced and Distributed Simulation (PADS)
- Springer Journal on Protection and Control of Modern Power Systems, Special Issue on Big Data Application

(6) The Chair reported the activities of three workshops (Slide 27-30)

- Workshop on Future Smart Grid Technologies, Klagenfurt, Australia, Feb. 26-27, 2018.
- Workshop on Smart Energy Distribution and Utilization, Hong Kong, May 28-29, 2018.
- Ph.D. Colloquium, ACM SIGSIM Conference on PADS, Rome, Italy, May 23, 2018.

(7) The Chair reported the nomination of symposium chairs of conferences (Slide 35)

- György Dán from KTH was nominated to be the Symposium Chair of IEEE SmartGridComm 2018 Data Analytics and Computation Symposium.
- Giacomo Verticale from Politecnico di Milano was nominated to be the Track Chair of IEEE Globecom 2018 SAC on Smart Grid and Power Line Communications.
- Kemal Akkaya from Florida International University was nominated to be the Track Chair of ICC 2019 SAC on Smart Grid Communications.
- Suzhi Bi from Shenzhen University was nominated to be the Track Chair of IEEE Globecom 2019 SAC on Smart Grid Communications.
- Anna Scaglione from Arizona State University was nominated to be the Track Chair of IEEE ICC 2020 SAC on Smart Grid. Communications.

- (8) The Chair reported the two panels organized by a Vice Chair at PES General Meetings (Slide 32)
 - Panel on Big Data Analytics for Emerging Power Sensors on Internet of Things
 - Panel on Best Practices in Sharing of Big Data in Power Systems
- (9) The Past Chair Vincent Wong presented an update on the SAC Track on Communications for the Smart Grid of IEEE ICC 2018 (Slide 36)
- (10) The Chair presented an update on the SAC on Smart Grid and Power Line Communications of IEEE GLOBECOM 2018 (Slide 37)
- (11) The Chair reported the status of IEEE SmartgridComm 2018, including Organizers, date, location (Slide 38), Technical tracks (Slide 39), Tutorials (Slide 40-41), and Workshops (Slide 42)
- (12) The Chair reported the status of IEEE ISPLC 2018, which is co-organized by ETI-SG members (Slide 43)
- (13) The Chair reported the status of ACM e-Energy 2018, which is co-organized by ETI-SG members (Slide 44)
- (14) The Chair reported the status of the position paper “Emerging Technical Committee ‘Smart Grid Communications’: Information Technology for Smart Utility Grids”. The position paper was co-authored by the Chair, Vice Chairs and Secretary. Inputs from SIG Chairs and the Advisory Board were utilized. The position paper is to be submitted to IEEE SmartgridComm 2018. The position paper will be used as a living document of the ETI-SG. (Slides 45-48)
- (15) The Chair led the discussion on the Policies and Procedures.

A draft of P&P was posted on the ETI-SG website several days before the meeting. During the meeting, members suggested a few revisions.

 - The members suggest that only active members of the ETI-SG are eligible candidates for officer positions.
 - The members suggest that the nomination and election committee will consist of a Chair and no less than another two members from Past ETI-SG Chair, 2nd Past ETI-SG Chair, and two ETI-SG member representatives appointed by the Current Chair.
 - The members suggest the election be held electronically. Call for nominations is announced via the ETI-SG mailing list six weeks before the election.
 - The members suggest that the ETI-SG meeting be held twice a year, at IEEE ICC, IEEE SmartgridComm, or IEEE GLOBECOM.
 - The members discussed matters related to internal awards. Nominations cannot come from the Awards Committee members. Self-nominations are allowed.
- (16) A vote was casted, and the Policies and Procedures were approved unanimously.

The meeting was adjourned at 17:00 local time.