

RPG™ 2017

International Conference on
Renewable Power Generation



RPG 2017 Overall Programme

Wednesday, 18 October 2017	
14:00 – 21:00	Registration
Thursday, 19 October 2017	
08:30 -- 09:30	Registration
Plenary Session (ALL DELEGATES) Grand Ballroom	
Session Host: Dr. Xiaoming Yuan, Huazhong University of Science and Technology (HUST), China	
09:30 -- 09:45	Chair's welcome speech and introduction Dr. Xiaoming Yuan, Huazhong University of Science and Technology (HUST), China
09:45 – 09:55	Opening address from the Head of International Operations at IET Mr. Ian Mercer, The Institution of Engineering and Technology (IET), UK
09:55 -- 10:05	Opening address from the Consul General of British Consulate-General Wuhan Mr. Nick Whittingham, British Consulate-General Wuhan
10:05 -- 10:30	Plenary keynote speech from IET President Mr. Nick Winser Title of speech: Meeting Britain's Future Power System Challenges
10:30 --11:00	Group Photo & Refreshment & Poster Session
Session Host: Dr. David Infield, University of Strathclyde, UK	
11:00 -- 11:20	Keynote speech from Dr. Yuanzhang Sun, Wuhan University, China Title of speech: Stochastic optimization theory and method for power system economic dispatch considering wind farm integration
11:20 -- 11:40	Keynote speech from Dr. Peter Tavner from Durham University, UK Title of speech: Current World Technical & Investment Prospects for Offshore Renewable Energy, Wind, Wave & Tidal
11:40 --12:00	Keynote speech from Dr. Ping Ju, Hohai University, China Title of speech: Stochastic Dynamics of Power System Keynote speech from Professor
12:00 -- 12:20	Keynote speech from Mr. Jason M. MacDowell, Industry and Policy of GE Energy Connections, USA Title of speech: Advanced Technology and Methods that allow High Penetration of Renewable Energy
12:20 --12:40	Keynote speech from Dr. Hongbin Sun, Tsinghua University, China Title of speech: Energy internet with its recent developments
12:40 --13:00	Keynote speech from Dr. Stephan Barth, Managing Director of ForWind, Germany Title of speech: From Turbulence to Torque – Why Wind Energy Needs Pre-competitive Research and Large Research Infrastructures

13:00 --14:00	Poster Session and Lunch				
Oral Presentation Sessions					
Location Time	Ballroom 1	Ballroom 2	Ballroom 3	Optics Valley	Qintai Room
14:00--15:30	Session A1: Wind Technology Session chair: Prof. Jun Zhang, University of Denver, USA	Session D1a: Power systems integration issues Session chair: Prof. Jun Yao, Chongqing University, China	Session D1b: Power systems integration issues Session chair: Prof. Jian Xu, Wuhan University, China	Session B: PV systems technology Session chair: Prof. Qi Li, National Grid, UK	Invited session 4 Session chair: Yunhe Hou, University of Hong Kong, China
15:30--16:00	Poster Session and Refreshments (Foyer)				
16:00--17:30	Session A1: Wind Technology Session chair: Prof. Jun Zhang, University of Denver, USA	Session D1a: Power systems integration issues Session chair: Prof. Jun Yao, Chongqing University, China	Session D1b: Power systems integration issues Session chair: Prof. Jian Xu, Wuhan University, China	Session B: PV systems technology Session chair: Prof. Qi Li, National Grid, UK	Invited Session 6/12 Session chair: Prof. Miao Zhu Shanghai Jiao Tong University, China
17:30 – 18:30	Poster Presentation				
Drink Reception (ALL DELEGATES) Grand Ballroom 18:30 – 20:30					
Host: Dr. Yongqian Liu, North China Electric Power University, China Dr. David Infield, University of Strathclyde, UK					
<ul style="list-style-type: none"> • Welcome speech by Mr. Nick Winsor, IET President • Welcome speech by Dr. Jinyu Wen, Dean of School of Electrical and Electronic Engineering, Huazhong University of Science and Technology • RPG 2017 Best Conference Paper Award • Networking & Performance 					

Friday, 20 October 2017					
08:30--09:30	Registration				
Venue Time	Ballroom 1	Ballroom 2	Ballroom 3	Optics Valley	Qintai Room
09:30--11:00	Session A2: Wind Technology Session chair: Dr. Yongqian Liu, North China Electric Power University, China	Session D2a: Power systems integration issues Session chair: Dr. Wei Yao, Huazhong University of Science and Technology, China	Session D2b: Power systems integration issues Session chair: Dr. Shuanglei Feng, China Electric Power Research Institute, China	Session C: Energy storage for renewable sources Session chair: Dr. Xia Chen, Huazhong University of Science and Technology, China	Invited Session 3 Session chair: Prof. Hua Geng, Tsinghua University, China
11:00--11:30	Poster Session and Refreshments (Foyer)				
11:30--13:00	Session A2: Wind Technology Session chair: Dr. Yongqian Liu, North China Electric Power University, China	Session D2a: Power systems integration issues Session chair: Dr. Wei Yao, Huazhong University of Science and Technology, China	Session D2b: Power systems integration issues Session chair: Dr. Shuanglei Feng, China Electric Power Research Institute, China	Session C: Energy storage for renewable sources Session chair: Dr. Xia Chen, Huazhong University of Science and Technology, China	Invited session 5 /7 Session chair: Prof. Jing Ma, North China Electric Power University, China Session chair: Prof. Guobing Song, Xi'an Jiaotong University, China
13:00--14:00	Poster Session and Lunch				
14:00--15:30	Session A2: Wind Technology Session chair: Dr. David Infield, University of Strathclyde, UK	Session D2a: Power systems integration issues Session chair: Dr. Xiongfei WANG Aalborg University, Denmark	Session D2b: Power systems integration issues Session F : Technology, policy and market options for power system flexibility Session chair: Prof. Qiuwei Wu, Technical University of Denmark, Denmark	Session E: Other renewable energy sources Session chair: Prof. Weilin Li, Northwestern Polytechnical University, China	Invited session 8 Session chair: Prof. Xiaorong Xie, Tsinghua University, China
15:30--16:00	Poster Session and Refreshments (Foyer)				
16:00--17:30	Session A2: Wind Technology Session chair: Dr. David Infield, University of Strathclyde, UK	Session D2a: Power systems integration issues Session chair: Dr. Xiongfei WANG Aalborg University, Denmark	Invited session 9/10 Session chair: Prof. Huanhai Xin Zhejiang University, China	Session E: Other renewable energy sources Session chair: Prof. Weilin Li, Northwestern Polytechnical University, China	Invited session 8 Session chair: Prof. Xiaorong Xie, Tsinghua University, China