



International Conference on Renewable Power Generation

RPG 2019 Overview Programme

This is a draft version valid on 13 Sep 2019 and is subject to change. More detailed information will be included in the next version of programme

Wednesday, 23 October 2019	
14:00 – 17:00	Pre-event Registration
Thursday, 24 October 2019	
08:00 -- 09:00	Registration
Plenary Session (ALL DELEGATES) Jing Heng Conference Hall	
Session Host: Prof. Nengling TAI	
09:00 -- 09:15	Chair's welcome speech & introduction Prof. Nengling TAI , RPG 2019 Conference Chair , Vice Head of School of Electronic Information and Electrical Engineering, Shanghai Jiaotong University, China
09:15 – 09:30	Opening address from the Vice President of Shanghai Jiao Tong University Prof. Mao Junfa, Shanghai JiaoTong University, China
09:30 – 09:45	Opening address from the Head of International Operations at IET Mr. Ian Mercer, The Institution of Engineering and Technology (IET), UK
09:45 -- 10:00	Opening address from the RPG 2019 conference co-chair, Editor-in-chief of IET Renewable Power Generation Journal Prof. David Infield, Strathclyde University, UK
10:00 --10:10	Group Photo
Session Host: TBC	
10:10 -- 10:30	Keynote speech from Prof. Yilu LIU Oak Ridge National Laboratory, CURENT Engineering Research Centre, USA <i>Title of speech: Grid Edge Time Synchronous Measurement & Applications</i>
10:30 -- 10:50	Keynote speech from Prof. Yunwei (Ryan) LI, University of Alberta, Canada <i>Title of speech: Future Electrical Grids Enabled by Power Electronics Technologies</i>
10:50 – 11:10	Refreshment and poster session
11:10 --11:30	Keynote speech from Prof. Chanan Singh, Texas A&M University, USA <i>Speech Title: Integrating Renewables and Maintaining Grid Reliability</i>
11:30 -- 11:50	Keynote speaker to be confirmed
11:50 --12:10	Keynote speaker to be confirmed

12:10 --13:30 Lunch & Poster Session (Day 1 poster please refer to Appendix I)					
Oral Presentation Sessions					
Location Time	Room 1	Room 2	Room 3	Room 4	Room 5
13:30--15:00	Session A1: Wind Technology Session chair: Prof. Yongqian LIU North China Electric Power University, China Paper ID 0002 0018 0066 0073 0080 0121	Session B1: PV system technology Session chair: Prof. Xiaodong ZHENG, Shanghai Jiao Tong University, China Paper ID 0023 0044 0492 0502 0532 0555	Session F1: Planning, policy and marketing options Session chair: Prof. Ciwei GAO, Southeast University, China Paper ID 0074 0102 0111 0114 0275 0294 0298	Session G1*: System Operation and protection -- Fault Analysis and Protection Methods of Power Electronized Power Systems Session chair: Prof. Jiabing HU, Huazhong University of Science and Technology, China Paper ID 0065 0071 0315 0365 0474 0680	Session E1*: Grid Integration -- DC Generation and DC Integration of New Energy Session chair: Prof. Miao ZHU, Shanghai Jiao Tong University, China Paper ID 0540 0543 0734 0758 0779 0834 0861
15:00--15:30 Poster Session and Refreshments (Day 1 poster please refer to Appendix I)					
15:30--17:00	Session A1 Wind Technology Session chair: Prof. Yongqian LIU North China Electric Power University, China Paper ID 0134 0136 0142 0166 0182 0195	Session B1: PV system technology Session chair: Prof. Xiaodong ZHENG, Shanghai Jiao Tong University, China Paper ID 0622 0666 0684 0735 0789 0857	Session F1: Planning, policy and marketing options Session chair: Prof. Ming YANG, Shandong University, China Paper ID 0339 0459 0564 0707 0709 0741 0807	Session G1: System Operation and protection Session chair: Prof. Jiabing HU, Huazhong University of Science and Technology, China Paper ID 0009 0037 0052 0059 0087 0103 0119	Session E1: Grid Integration Session chair: Prof. Miao ZHU, Shanghai Jiao Tong University, China Paper ID 0035 0072 0076 0168 0242 0281
17:00 – 18:00 Poster Presentation (Day 1 poster please refer to Appendix I)					
Drink Reception (ALL DELEGATES) Jingheng Conference Hall 18:00 – 19:30					
Host: tbc <ul style="list-style-type: none"> • Welcome speeches • Award ceremony • Networking & Performance 					

Friday, 25 October 2019					
08:00--09:00	Registration				
Location Time	Room 1	Room 2	Room 3	Room 4	Room 5
09:00--10:30	Session A2: Wind Technology Session chair: Prof. David INFELD, University of Strathclyde, UK Paper ID 0197 0201 0205 0236 0252 0269 0284	Session B2*: PV system technology -- Reliability, Monitoring and Fault Diagnostics of PV Generation System Session chair: Prof. Mingyao Ma, Hefei University of Technology, China Paper ID 0124 0226 0413 0665 0698 0858	Session F2*: Planning, policy and marketing options -- electricity markets facilitating renewable energy integration Session chair: Prof. Donghan FENG, Shanghai Jiao Tong University, China Paper ID 0062 0085 0176 0415 0468 0526 0674	Session G2*: System Operation and protection -- Sensing, Fault diagnosis and Fault tolerance for Renewable Energy System Session chair: Prof. Yingning QIU, Nanjing University of Science and Technology, China Paper ID 0382 0412 0414 0597 0718 0833	Session E2*: Grid Integration -- Sub- and Super- synchronous Control Interactions in RPG- integrated Power Systems Session chair: Prof. Xiaorong XIE, Tsinghua University, China Paper ID 0112 0207 0215 0293 0407 0643 0776 0777
10:30--11:00	Poster Session and Refreshments (Day 2 poster please refer to Appendix II)				
11:00--12:30	Session A2: Wind Technology Session chair: Prof. David INFELD, University of Strathclyde, UK Paper ID 0287 0297 0308 0322 0356 0391	Session C2*: Other Renewable Energy Sources -- Integration and Application Innovation of Energy Storage Systems Session chair: Dr. Xiangjun LI, China Electric Power Research Institute, China Paper ID 0199 0204 0225 0346 0455 0598	Session D2*: Energy Internet and Smart City -- Harbor & off-shore renewable energy integration and green maritime transportation Session Chair: Prof. Sidun FANG, Nanyang Technological University, Singapore Paper ID 0091 0131 0280 0327 0358 0359 0394 0546	Session G2: System Operation and protection Session chair: Prof. Yingning QIU, Nanjing University of Science and Technology, China Paper ID 0128 0145 0150 0169 0187 0243 0257	Session E2: Grid Integration Session chair: Prof. Xiaorong XIE, Tsinghua University, China Paper ID 0313 0334 0354 0396 0397 0457
12:30--13:30	Poster Session and Lunch (Day 2 poster please refer to Appendix II)				
13:30--15:00	Session A2: Wind Technology Session chair: Prof. Meng KE, The University of New South Wales, Australia	Session C2: Other Renewable Energy Sources Session chair: Prof. Bin WANG, Tsinghua University, China	Session D2: Energy Internet and Smart City Session chair: Prof. Bowen ZHOU, Northeastern University, China	Session G2: System Operation and protection Session chair: Dr. Zhibing WANG, China Electric Power Research Institute (CEPRI), China	Session E2: Grid Integration Session chair: Prof. Hua GENG, Tsinghua University, China

	Paper ID 0463 0508 0528 0642 0647 0667	Paper ID 0021 0041 0126 0233 0250 0311	Paper ID 0048 0160 0209 0253 0499	Paper ID 0263 0304 0329 0406 0428 0465 0533	Paper ID 0472 0505 0545 0616 0629 0661
15:00--15:30	Poster Session and Refreshments (Day 2 poster please refer to Appendix II)				
15:30--17:00	Session A2: Wind Technology Session chair: Prof. Meng KE, The University of New South Wales, Australia Paper ID 0681 0720 0732 0823 0840 0867	Session C2: Other Renewable Energy Sources Session chair: Prof. Bin WANG, Tsinghua University, China Paper ID 0330 0482 0513 0640 0752 0842	Session D2: Energy Internet and Smart City Session chair: Prof. Bowen ZHOU, Northeastern University, China Paper ID 0586 0697 0708 0722 0792	Session G2: System Operation and protection Session chair: Dr. Zhibing WANG, China Electric Power Research Institute (CEPRI), China Paper ID 0542 0590 0626 0819 0832 0855 0875	Session E2: Grid Integration Session chair: Prof. Hua GENG, Tsinghua University, China Paper ID 0672 0730 0737 0801 0831 0851
Saturday, 26 October 2019					
<h2>Technical Visit</h2> <p><i>Currently there are 3 options for the technical tour, the below options are for information and is subject to change ahead of the conference.</i></p> <ol style="list-style-type: none"> 1.国家电网国网上海市电力公司（控制大厅） 上海浦东新区源深路 1122 号 2.国网上海电科院漕溪基地（大数据中心） 上海市徐汇区华石路 34 号 3.1000KV 特高压练塘站 上海市青浦区练塘镇松蒸公路 3205 号 1000 					

Appendix I Detailed information will be included in the next version of programme

Poster Day 1 (24 October 2019)

0003	0093	0190	0291
0004	0094	0191	0295
0007	0097	0194	0299
0012	0104	0196	0301
0020	0106	0198	0312
0024	0109	0202	0316
0025	0115	0203	0321
0026	0117	0208	0332
0029	0125	0211	0335
0034	0127	0214	0337
0036	0129	0220	0348
0038	0130	0221	0350
0039	0132	0227	0352
0042	0133	0228	0360
0043	0135	0230	0362
0046	0139	0231	0363
0047	0141	0235	0367
0049	0143	0241	0369
0051	0144	0246	0373
0054	0147	0247	0377
0058	0149	0248	0379
0063	0153	0249	0381
0064	0155	0251	0383
0067	0157	0254	0385
0068	0163	0259	0389
0070	0164	0260	0390
0078	0167	0266	0401
0079	0170	0268	0409
0081	0171	0276	0416
0082	0172	0277	0417
0083	0174	0279	
0084	0178	0285	
0089	0179	0286	
0092	0181	0289	

Appendix II Detailed information will be included in the next version of programme

Poster Day 2 (25 October 2019)

0419	0531	0656	0765
0421	0535	0657	0772
0424	0536	0660	0781
0426	0537	0664	0783
0430	0548	0673	0791
0431	0550	0679	0793
0432	0551	0687	0795
0433	0554	0688	0796
0434	0558	0689	0802
0435	0559	0693	0803
0436	0562	0699	0809
0440	0566	0700	0811
0448	0570	0701	0812
0449	0573	0702	0817
0462	0577	0703	0818
0464	0578	0704	0825
0473	0580	0705	0827
0475	0585	0706	0828
0479	0589	0713	0830
0481	0594	0726	0835
0486	0595	0728	0838
0488	0599	0729	0839
0490	0604	0736	0846
0493	0605	0739	0850
0507	0611	0740	0856
0511	0620	0748	0862
0512	0623	0749	0864
0514	0633	0750	0868
0515	0635	0751	0880
0516	0638	0753	0881
0517	0649	0754	
0518	0651	0757	
0524	0654	0761	
0527	0655	0763	