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TECHNICAL PAPERS

Session D01: Devices and Components
June 5, 2019 10:40AM - 12:10PM
Session Chairs: Jiangbiao He, University of Kentucky, United States
Kangping Wang, Xi'an Jiaotong University, China

Session D02: Topology and Control of Power Converters
June 5, 2019 10:40AM - 12:10PM
Session Chairs: Yan Zhang, Xi'an Jiaotong University, China
Fan Zhang, Xi'an Jiaotong University, China

Session D03: Modeling, Simulation and Control
June 5, 2019 10:40AM - 12:10PM
Session Chairs: Shuang Xu, University of New Brunswick, Canada
Wanjun Lei, Xi'an Jiaotong University, China

Session D04: Reliability, Fault and Protection
June 5, 2019 10:40AM - 12:10PM
Session Chairs: Sixing Du, University of Toronto, Canada
Xiaotian Zhang, Xi'an Jiaotong University, China

Session D05: Microgrids
June 5, 2019 10:40AM - 12:10PM
Session Chairs: Jinwei He, Tianjin University, China
Ning Li, Xi'an University of Technology, China

Session D06: Renewable Energy and Storage Systems
June 5, 2019 10:40AM - 12:10PM
Session Chairs: Milijana Odavic, University of Sheffield, United Kingdom
Hao Yi, Xi'an Jiaotong University, China

Session D07: Smart Grid
June 5, 2019 10:40AM - 12:10PM
Session Chairs: Dongdong Zhao, Northwestern Polytechnical University, China
Shaodi Ouyang, Xi'an Jiaotong University, China

Session S01: DC-DC Converters I
Location: Function Room 2
June 4, 2019 2:00PM - 3:40PM
Session Chairs: Sudip K Mazumder, University of Illinois at Chicago, United States
Xiong Du, Chongqing University, China

Session S02: DC-AC Converters
Location: Function Room 7
June 4, 2019 2:00PM - 3:40PM
Session Chairs: Fred Wang, University of Tennessee, United States
Milijana Odavic, University of Sheffield, United Kingdom

Session S03:High Power Converters I
Location: Function Room 10
June 4, 2019 2:00PM - 3:40PM
Session Chairs: Deepakraj M Divan, Georgia Institute of Technology, United States
Dongsheng Yu, China University of Mining and Technology, China

Session S04: Control of Grid-Tied Converters I
Location: Function Room 11
June 4, 2019 2:00PM - 3:40PM
Session Chairs: Dushan Boroyevich, Virginia Tech, United States
Yongheng Yang, Aalborg University, Denmark

Session S05: Control of Microgrids I
Location: Function Room 12
June 4, 2019 2:00PM - 3:40PM
Session Chairs: Jinjun Liu, Xi'an Jiaotong University, China
Kai Sun, Tsinghua University, China

Session S06: Wideband Gap Applications
Location: Function Room 2
June 4, 2019 4:00PM - 5:40PM
Session Chairs: Tsai-Fu Wu, National Tsing Hua University, Taiwan
Weimin Wu, Shanghai Maritime University, China

Session S07: Storage Conversion Systems
Location: Function Room 7
June 4, 2019 4:00PM - 5:40PM
Session Chairs: Martin Ordonez, The University of British Columbia, Canada

Session S08: Stability of Grid-Tied Converters
Location: Function Room 10
June 4, 2019 4:00PM - 5:40PM
Session Chairs: Frede Blaabjerg, Aalborg University, Denmark
Xiongfei Wang, Aalborg University, Denmark

Session S09 Modeling and Analysis of Microgrids

Location: Function Room 11
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Session Chairs: Johan Enslin, Clemson University, United States
Shuang Xu, University of New Brunswick, Canada

Session S10: Fault and Protection
Location: Function Room 12
June 4, 2019 4:00PM - 5:40PM
Session Chairs: Juan Carlos Balda, University of Arkansas - Fayetteville, United States
Jinwei He, Tianjin University, China

Session S11: Power Devices
Location: Function Room 2
June 5, 2019 2:00PM - 4:00PM
Session Chairs: Martin Ordonez, The University of British Columbia, Canada
Wuhua Li, Zhejiang University, China

Session S12: Control of DC-DC Converters
Location: Function Room 7
June 5, 2019 2:00PM - 4:00PM
Session Chairs: Gerry Hurley, NUI Galway, Ireland
Hongfei Wu, Nanjing University of Aeronautics and Astronautics, China

Session S13: Control of DC-AC Converters
Location: Function Room 10
June 5, 2019 2:00PM - 4:00PM
Session Chairs: Ralph Mario Kennel, Technical University of Munich, Germany
Jiangbiao He, University of Kentucky, United States

Session S14: Control of Grid-Tied Converters II
Location: Function Room 11
June 5, 2019 2:00PM - 4:00PM
Session Chairs: Juan Carlos Balda, University of Arkansas - Fayetteville, United States
Dongdong Zhao, Northwestern Polytechnical University, China

Session S15: Control of Microgrids II
Location: Function Room 12
June 5, 2019 2:00PM - 4:00PM
Session Chairs: Frede Blaabjerg, Aalborg University, Denmark
Changsheng Hu, Zhejiang University, China

Session S16: DC-DC Converters II
Location: Function Room 2
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Session Chairs: Liuchen Chang, University of New Brunswick, Canada
Dong Jiang, Huazhong University of Science and Technology, China

Session S17: High Power Converters II
Location: Function Room 7
June 5, 2019 4:20PM - 6:00PM
Session Chairs: Meiqin Mao, Hefei University of Technology, China
Sixing Du, University of Toronto, Canada

Session S18: Wind Power Conversion Systems
Location: Function Room 10
June 5, 2019 4:20PM - 6:00PM
Session Chairs: Grahame Holmes, RMIT University, Australia
Andrés Escobar Mejía, Universidad Tecnológica de Pereira, Colombia

Session S19: Wireless
Location: Function Room 11
June 5, 2019 4:20PM - 6:00PM
Session Chairs: Johan Enslin, Clemson University, United States
Jianing Wang, Hefei University of Technology, China

Session S20: Power Quality
Location: Function Room 2
June 5, 2019 4:20PM - 6:00PM
Session Chairs: Denizar Cruz Martins, Federal University of Santa Catarina, Brazil