

Revision Table

International Power Electronics Conference IPEC-Nagasaki 2026-ECCE Asia-

As of June 3, 2026

We would like to inform you of the following revisions to the conference program.

Session Date & Time	Program Information	Revised Part	After Change
Oral Session 1 Monday, June 1 11:15 – 12:35	[O1-10-01] Optimization Design for Enhancing Thermal Performance of High-Speed Permanent Magnet Motors Based on Taylor-Couette Flow Characteristics *Jiayu Zhang ¹ , Shan Li ¹ , Jiayi Yao ¹ , Dengjie Lu ¹ , Wei Sun ¹ (1. SMERI (China))	Oral Session 1 O1-10 Monday, June 1 11:15 – 12:35	Online Session O10-8 Wednesday, June 3 14:20 – 16:00
Poster 1-3 Tuesday, June 2 12:40 – 14:00	[P1-3-01] A novel active compensation based low-frequency power supply for Remanent Flux Elimination *Haohan Yang ¹ , Yunqing Pei ¹ , Lantian Shao ¹ , Wenhui Pei ¹ (1. Xi'an Jiaotong University (China))	Poster 1-3 Tuesday, June 2 12:40 – 14:00	Online Session O12-2-1 Thursday, June 4 10:10 – 12:10
Poster 1-5 Tuesday, June 2 12:40 – 14:00	[P1-5-05] NSGA-II-Based Multi-Objective Optimization for Voltage Unbalance Mitigation Using PSDs and SVGs in Low-Voltage Distribution Networks *Wei Feng ¹ , Hang Su ² , Zebin Yang ^{1,3} , Zhixiong Li ² , Heng Du ² , Fang Zhuo ^{1,3} , Weifeng Ge ² , Ruru Zheng ³ (1. Xi'an Jiaotong University (China), 2. Junlang Electric Co.,Ltd. (China), 3. Yandangshan Institute of Electrical Technology (China))	Poster 1-5 Tuesday, June 2 12:40 – 14:00	Online Session O12-3-1 Thursday, June 4 12:20 – 14:00

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Poster 1-11 Tuesday, June 2 12:40 – 14:00	[P1-11-01] Modeling and Suppression of Circulating Currents in Parallel Inverters Considering Switching Frequency Discrepancies *Genglun Song ¹ , Shubao Li ¹ , Yufei Liang ² , Zinan Lou ¹ , Yaozhi Zhao ³ , Yongda Wu ³ , Lei Xie ³ , Yaoqin Jia ¹ , Yan Zhang ¹ (1. Xi'an Jiaotong University (China), 2. Xi'an University of Technology (China), 3. Nanjing Electronic Devices Institute (China))	Poster 1-11 Tuesday, June 2 12:40 – 14:00	Online Session O4-11 Tuesday, June 2 10:45 – 12:05
Poster 1-13 Tuesday, June 2 12:40 – 14:00	[P1-13-04] An Improved Modulation Strategy for Full ZVS of Single-Stage Magnetically Integrated Interleaved TotemPole AC-DC Converter *Wenjie Du ¹ , Wenjie Chen ¹ , Chufan Zhou ¹ , Jianxiang Chen ¹ , Hanjie Qi ¹ , Xu Yang ¹ (1. School of Electrical Engineering, Xi'an Jiaotong University, Xi'an, China (China))	Poster 1-13 Tuesday, June 2 12:40 – 14:00	Online Session O12-2-1 Thursday, June 4 10:10 – 12:10
Poster 1-13 Tuesday, June 2 12:40 – 14:00	[P1-13-05] An Improved Inductor-Transformer Magnetic Integration Structure for a Single-Stage Bidirectional AC-DC Converter *Chufan Zhou ¹ , Wenjie Chen ¹ , Wenjie Du ¹ , Hanjie Qi ¹ , Jianxiang Chen ¹ , Xu Yang ¹ (1. Xi'an Jiaotong University)	Poster 1-13 Tuesday, June 2 12:40 – 14:00	Online Session O12-2-1 Thursday, June 4 10:10 – 12:10
Poster 1-14 Tuesday, June 2 12:40 – 14:00	[P1-14-04] Modulation and Capacity Analysis of Active-Filtering Grid-Forming Energy Storage in DRU-HVDC Systems *Haonan Li ¹ , Xu Yang ¹ , Min Wu ¹ , Jiaxuan Niu ¹ , Hongyi Zhou ¹ , Wenjie Chen ¹ (1. School of Electrical Engineering Xi'an Jiaotong University (China))	Poster 1-14 Tuesday, June 2 12:40 – 14:00	Online Session O12-2-1 Thursday, June 4 10:10 – 12:10

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Poster 1-14 Tuesday, June 2 12:40 – 14:00	[P1-14-11] Analysis and Design of Inertia Measurement Methods for Grid-Forming Converters in Power-Electronized Power Systems *Yifan Yang ¹ , Jiaqi Niu ¹ , Yuehang Zhao ¹ , Chunyu Xu ¹ , Zhaoyu Guo ¹ , Yonghui Liu ¹ (1. Xi'an Jiaotong University (China))	Poster 1-14 Tuesday, June 2 12:40 – 14:00	Online Session O12-2-1 Thursday, June 4 10:10 – 12:10
Oral Session 6 Tuesday, June 2 14:20 – 16:00	[O6-2-03] Variable-Amplitude Modulation for Non- isolated MMC DC-DC Transformer with Light-load Efficiency Elevation *Zhiqing Ren ¹ , Jianjun Ma ¹ , Runbo Chen ¹ , Wei Cheng ² , Dazhen Xu ¹ , Miao Zhu ³ (1. College of Smart Energy, Shanghai Jiao Tong University Shanghai, Shanghai, China (China), 2. State Power Investment Corporation Limited (China), 3. School of Electronic Information and Electrical Engineering, Shanghai Jiao Tong University, Shanghai, China (China))	Oral Session 6 O6-2 Tuesday, June 2 14:20 – 16:00	Online Session O12-2-1 Thursday, June 4 10:10 – 12:10
Oral Session 7 Tuesday, June 2 16:20 – 18:00	[P1-12-10] Power-Flow-Path-Constructed Topology Derivation Method for Multiport Inverters *Chuanjing Chen ¹ , Dehong Zhou ¹ , Kai Liao ¹ , Yu Zeng ¹ , Xin Liu ¹ , Zewei Shen ¹ , Jianxiao Zou ¹ (1. University of Electronic Science and Technology of China (China))	Oral Session 7 O7-11 Tuesday, June 2 16:20 – 18:00	Online Session O12-3-1 Thursday, June 4 12:20 – 14:00

Session Date & Time	Program Information	Revised Part	After Change
Poster 2-1 Wednesday, June 3 12:40 – 14:00	[P2-1-03] A High Performance Model Training Framework for Large-scale BOM Classification in Automated Power Electronics Schematics Design Jiahua Ying ¹ , Bowen Su ¹ , Ran Ou ¹ , Huan Chen ¹ , *Kai Sun ¹ (1. Department of Electrical Engineering, State Key Laboratory of Power System Operation and Control, Tsinghua University, Beijing, China (China))	Poster 2-1 Wednesday, June 3 12:40 – 14:00	Online Session O3-11 Monday, June 1 16:30 – 18:30
Poster 2-2 Wednesday, June 3 12:40 – 14:00	[P2-2-14] Optimal Operation Parameter Determination for Enhancing Overcurrent Capability in Grid-connected Converters *Zhenhong Lai ¹ , Zebin Yang ¹ , Xiaobin Mu ² , Weiwei Xu ³ , Xin Ning ³ , Hao Yi ¹ , Lei Chen ³ , Fang Zhuo ¹ (1. School of Electric Engineering, Xi'an Jiaotong University (China), 2. State Key Laboratory of Advanced Power Transmission Technology, State Grid Smart Grid Research Institute co. Ltd. (China), 3. State Grid Zhejiang Electric Power Research Institute, State Grid Zhejiang Electric Power Co., Ltd. (China))	Poster 2-2 Wednesday, June 3 12:40 – 14:00	Online Session O12-3-1 Thursday, June 4 12:20 – 14:00
Poster 2-4 Wednesday, June 3 12:40 – 14:00	[P2-4-07] A Fractional-Turn Transformer for Hybrid Switched Capacitor Converters *Tongrui Sun ¹ , Xu Yang ¹ , Panming Li ¹ , Wei Zhou ¹ , Xingwei Huang ¹ , Keliang Chen ¹ , Wenjie Chen ¹ (1. School of Electrical Engineering, Xi 'an Jiaotong University (China))	Poster 2-4 Wednesday, June 3 12:40 – 14:00	Online Session O12-3-1 Thursday, June 4 12:20 – 14:00

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Poster 2-14 Wednesday, June 3 12:40 – 14:00	[P2-14-13] Comprehensive Modeling and Evaluation of Cascode GaN HEMT Power Modules *Ruijie Song ¹ , Fang Zhuo ¹ , Feng Wang ¹ , Hao Yi ¹ , Jiachen Tian ¹ , Ruru Zheng ² (1. Xi'an Jiaotong University (China), 2. Yandangshan Institute of Electrical Technology (China))	Poster 2-14 Wednesday, June 3 12:40 – 14:00	Online Session O12-3-1 Thursday, June 4 12:20 – 14:00
Online Session O12-2-1 Thursday, June 4 10:10 – 12:10	Newly Added Online Session		Online Session O12-2-1 Semiconductor Power Conversion Chair:Naomitsu Urasaki(University of the Ryukyu)
Online Session O12-3-1 Thursday, June 4 12:20 – 14:00	Newly Added Online Session		Online Session O12-3-1 Semiconductor Power Conversion Chair:Taro Takamori(Toshiba Corporation)