

IEEE PELS TC5 Meeting at ECCE 2018

4:00-5:30 pm, September 25, 2018

Meeting Minutes

1. Approved minutes of last TC5 meeting held at APEC 2018
2. Meeting agenda: reviewed and approved
 - Highlights of TC5's activities
 - New initiatives
 - TC5 organization and thrusts: Six new and modified thrust areas
3. Report on PEDG 2018 (by Prof. Johan Enslin)
 - Steering and organizing committees
 - Program
 - Paper submission statistics
 - Peer review and accepted papers
 - Participants at PEDG 2018
 - Survey results
 - PEDG 2018 financial statement
 - Finance: 2018 vs. 2017
 - Follow-up
4. Update on PEDG 2019 (by Prof. Jinjun Liu), June 3-6, 2019, Xi'an, China
 - Hosting team
 - Venue: changed to Wyndham Grand Xi'an South
 - Preapproval for student travel support program
5. Future PEDGs
 - Proposal for hosting PEDG 2020
 - Proposal for hosting PEDG 2021 (June 14-17, 2021, Chicago, USA)
6. Report on ACEPT 2018 (Asian Conference on Energy, Power and Transportation)
 - Key statistics
7. Update on IEEE Conference on Power Electronics and Renewable Energy (CPERE-2019)
 - CPERE-2019 approval process: approval delayed by PESL Egypt chapter
 - Proposed solutions for facilitating the approval process
8. Information on Conference for Wind Power Drives (Workshop), Aachen, Germany
9. IEEE Workshop on Decentralized Energy Access Solutions at Georgia Institute of Technology (Feb 2019)
 - Proposal for PELS sponsor for the workshop

10. 20th International Symposium on Power Electronics (Ee2019), Oct. 23-26, 2019, Novi Sad, Serbia

- 10% financial cosponsor from PELS
- Approved by TC5

11. TC5 status report (Sudip Mazumder)

- Website update
- TC5 sponsored JESTPE special issue
- TC5 initiated webinars
 - One in pipeline for 2018: “Online Prognostic Condition Monitoring for Wind Turbines Using Current Signals” (by Wei Qiao, Professor at University of Nebraska-Lincoln)
 - Two potential webinars
 - ✓ Wolfspeed/Cee: Sic Devices
 - ✓ Sandia National Laboratory: Cybersecurity
- Technical Achievement Award: Professor Liuchen Chang (2018 recipient)
- Annual Best Paper Awards in Sustainable Energy Systems
- Travelling Lectures (for knowledge dissemination)
 - First lecture given by Professor Juan Balda at PELS Charlotte Chapter, USA
 - Comments from Prof. Jinjun Liu: providing a list of lectures and request process
 - Comments from Prof. Martin Ordonez: consideration of outreach type of lectures
- Thrust related special session at ECCE 2018
- TC5 participation in recent and emerging initiatives
 - IEEE Enabling Billion Smiles (EBL) Initiative
 - ITRW (International Technology Roadmap for Wide-Bandgap Power Semiconductors)
 - FEPPCON (Future of Electronic Power Processing & Conversion): PELS strategic initiative, Norway, 2019
- Discussions
 - Future PEDGs: The PEDG steering committee will issue a CFP for PEDG 2022, to be approved at the TC5 APEC 2019 meeting
 - Technical Achievement Award (March 31, 2019 is the nomination deadline)
 - Travelling lectures
 - FEPPCON’19 (Norway)
 - Special issues
 - ✓ Need proposals
 - ✓ Areas in SES not previously represented adequately
 - ✓ Not limited to JESTPE
 - Webinars for 2019/2020: topics and speakers
 - Student travel award
 - ✓ PEDG’19
 - ✓ Additional awards for students attending ECCE/APEC
 - ✓ Comments from Prof. Jason Lai: 60 awards given by ECCE/APEC; need coordination with ECCE/APEC student travel award committees
 - Special session in 2019: APEC and/or ECCE

- Liuchen Chang: working on a new initiative on Technology Roadmap for Distributed Energy
- New conferences seeking TC5 support/approval
- Election cycle
 - ✓ Current TC5 chair, cochair, and secretary
 - ✓ Nomination chair: Liuchen Chang
 - ✓ Next election: Expected nominations by the end of October and via online voting by the end of this year.