

**Meeting Minutes of
PELS Technical Committee of Sustainable Energy Systems (TC5)
Tue., March 18th, 2014**

- Venue: Fort Worth 6, Omni Hotel, Fort Worth (APEC2014)
6:30pm-7:50pm, Tue., March 18th, 2014
- Chair: Liuchen Chang (TC5 Chair)
- Participants: Sudip K. Mazumder, University of Illinois, Chicago
Peter Liang, N. Cheng Kung University
Don Tan, Northrup
Qing-Chang Zhong, University of Sheffield
K. Rajashedara, U T Dallas
Alan Mantooth, University of Arkansas
Mark Xu, Zhejiang University
Zhengmin Zhao, Tsinghua University
Robert Pilawa, University of Illinois
Ryan Li, University of Alberta
Martin Ordonez, University of British Columbia
Riming Shao, University of New Brunswick
Gerard Hurley, NUI Galway
Ali Bazzi, University of Connecticut
Juan Carlos Balda, University of Arkansas
Alexis Kwasinski, University of Texas at Austin
- Agenda: TC5 Status Report (-Liuchen Chang)
Updates for Conferences sponsored by TC5
 PEDG 2013
 PEDG 2014
 PEDG 2015
 PEMWA 2014
TC Awards (-Sudip Mazumder)
 Best paper awards (3) - updates
 Proposal for Technical Achievement Award
Future activities and initiatives (-All)
 Special issues of IEEE JESTPE from selected PEDG papers
 Operation guidelines of TC5
 Others

Minutes:

1. Approval of the agenda
The agenda was approved after adding one item of discussion on PEDG2016.

2. TC5 status report by Liuchen Chang (the presentation file is attached)
File name: PELS_SustainableEnergyTC5_MeetingPPT_Mar1814.pptx
3. Updates for Conferences sponsored by TC5

Juan Balda provided updates to PEDG2013: (1) financial data will be finalized on Mar. 31, 2014; (2) posting the papers on IEEE Xplore is in progress after numerous attempts in working with the paper management company for format compliance of the papers. Discussions were made on the importance of posting PEDG papers on IEEE Xplore for authors and on selecting an experienced publication management company or experienced IEEE volunteers to handle publications of papers for future PEDG's.

Gerard Hurley provided updates to PEDG2014: PEDG2014 received more than 130 digests from 28 countries and the conference organization is in progress for an attractive program (highlights are included in L. Chang's presentation file). As PEDG2014 will have an overlap of one day with COMPEL2014, anyone with a paper at COMPEL2014 will be accommodated with suited presentation schedules at PEDG2014.

Discussions were made about whether to have annual or bi-annual conferences for future PEDG's. The general consensus was that due to the rapid technology changes and the thematic focus of TC5 along with its link with other activities such as awards, PEDG's should be annual, and that we should thrive to improve the quality of papers.

Updates to PEDG2015: it will be held in Aachen, Germany during June 21-24, 2015. Due to the "competing" deadlines for digest submissions of PEDG with COMPEL and ECCE etc., would the PEDG submission deadline be shifted earlier? → Questions to PEDG organizers.

PEDG2016: There will be a formal call for proposals for hosting PEDG2016 (General Chair Ger Hurley) by 2015 Steering Committee Chair Frede Blaabjerg. Martin Ordonez has expressed interest in hosting PEDG2016 in Vancouver.

4. TC5 Awards (by Award Committee Chair, Sudip K. Mazumder)

The Sustainable Energy Systems Prize Paper Awards were approved by PELS Award Committee and were implemented at PEDG2013. It will be on-going annually for presentations at PEDG's. At the TC meeting, it was proposed to change the three prize paper awards from "the first prize, second prize and third prize papers" to "the Best Paper Awards" for three top papers. Motion: to change the three prize paper awards from "the first prize, second prize and third prize papers" to "the Best Paper Awards" for three top papers in sustainable energy systems. Moved by Ali Bazzi, Seconded by Robert Pilawa.

Motion carried unanimously. And appropriate changes will be made by the Award Committee for submission to the PELS Award committee for implementation in 2014.

The Technical Achievement Award documents were presented by Sudip to the TC.

Motion: to approve the documents of Technical Achievement Award in Sustainable Energy Systems.

Moved by Robert Pilawa; Seconded by Ali Bazzi.

Motion carried unanimously. And the documents will be submitted for approval by the PELS Award committee for implementation in 2015.

5. Other Activities of TC5

Special Issue of IEEE TPEL on High-Frequency-Link Power-Conversion Systems was led by Sudip Mazumder and was completed. Other special issues may be proposed by out TC.

TC5 Continues to provide Vice Chairs and Topic Chairs for TPCs of ECCEs.

TC5 needs to develop its operation policies and procedures. Liuchen Chang will circulate a draft document for feedbacks. A new TC5 Chair and team will be in place following the procedures.

TC5 budget: TC5 budget now will include the best paper awards, technical achievement award, and new initiatives as proposed by our members (send your proposals to Liuchen Chang).

In the future, TC's will need to identify, recommend or endorse candidates for IEEE fellows.

TC5 needs to recommend 2 best papers published in IEEE TPEL in 2013 in the areas of sustainable energy systems to the TPEL Editorial Board. Please send your recommendations to Sudip or Liuchen.

Discussions were made about selection of papers based on PEDG's for special issues of IEEE JESTPE. As there may not be sufficient high quality papers to for an issue of the journal, TC5 may need to work with other TCs to a joint submission for special issues. A volunteer group (Ali Bazzi, Riming Shao, Ryan Li, and Martin Ordonez) is formed to investigate such a possibility, with Ryan Li as the point of contact.

6. Meeting Adjourned at 7:50pm