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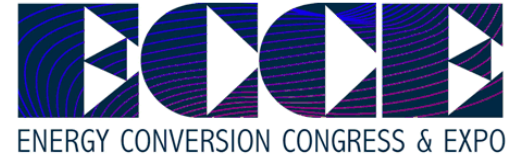
# Industrial Power Converter Committee Meeting

**Pittsburgh, PA, USA  
Sept. 15, 2014**

**Meeting Minutes**



# IPCC 2014



**Introduction of members:** Roster distributed for signing. Around 90 people present.

**Approval of the agenda:** Agenda approved unanimously

**Approval of 2013 Meeting Minutes:** 2013 meeting minutes approved unanimously

## **IAS Status Report**

### **Reports from subcommittees**

Standards

IAS Transaction Review

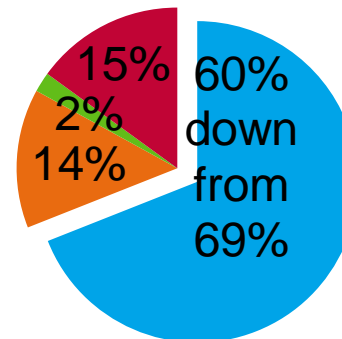
IPCC Prize Paper Awards

Fellow and Awards Nomination

## IAS Status

Blake Lloyd

- 10,700 members
- 25% member growth over 5 years
- 100 to 213 chapters over the same period
- 20 technical committees
- Support of 70 IEEE Standards
- New Joint Publications
  - Journal of Emerging and Selected Topics in Power Electronics
  - IEEE Trans. On Transportation Electrification



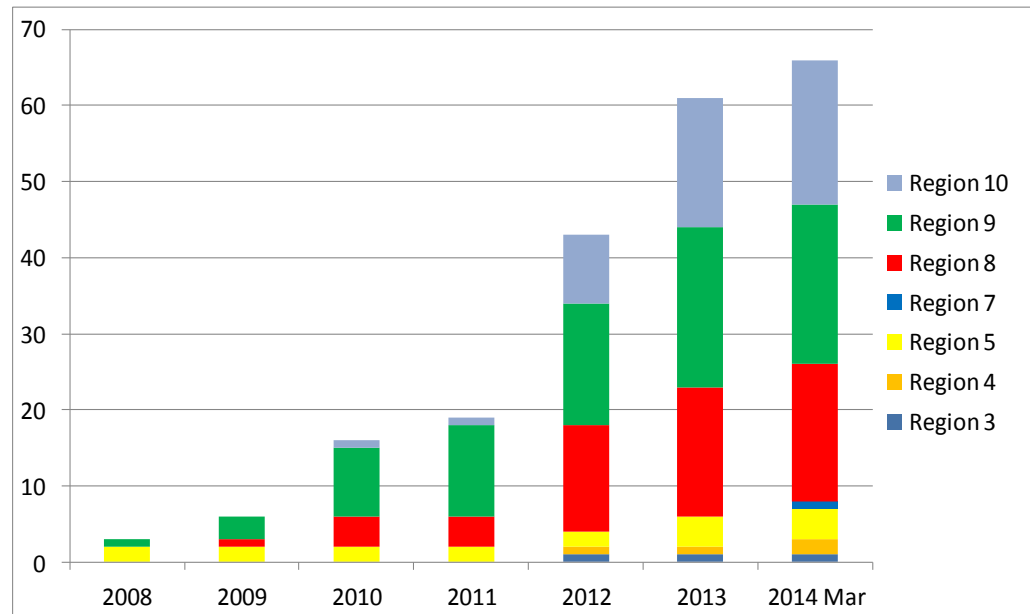
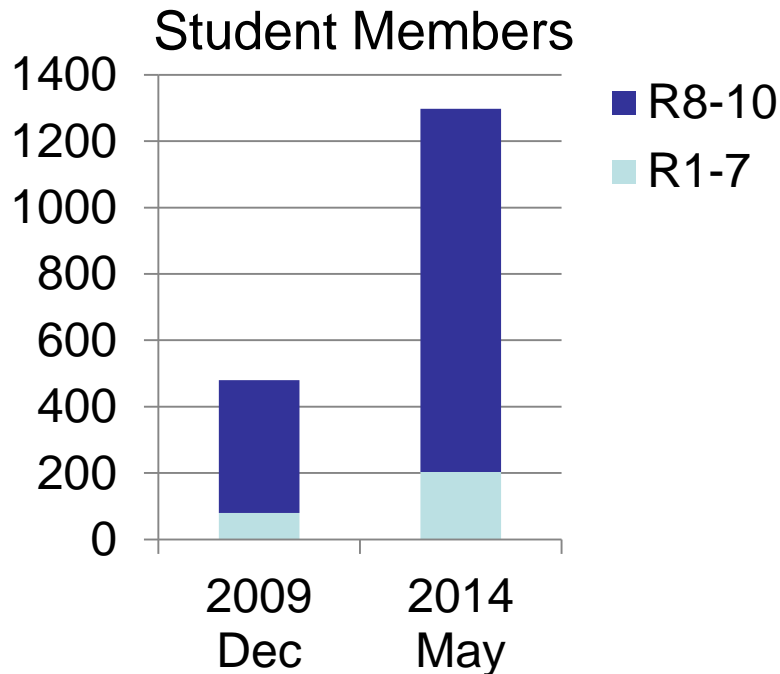
## IAS

- Corporations
- Academia
- Government
- Other

## IAS Status

### Strategic Plans

- Growth through students and new members abroad



## IAS Status

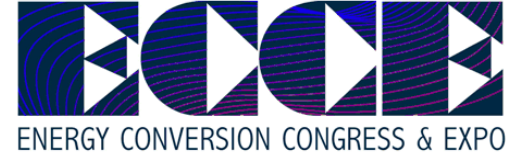
Blake Lloyd

### Announcements

- IAS Celebrating 50<sup>th</sup> year in 2015
- Get involved!
  - <http://ias.ieee.org>
  - <http://ias.ieee.org/chapters-a-membership.html>



# IPCC 2014



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## IPCC Standards

Bill Peterson (on behalf of Yuri Khersonsky)

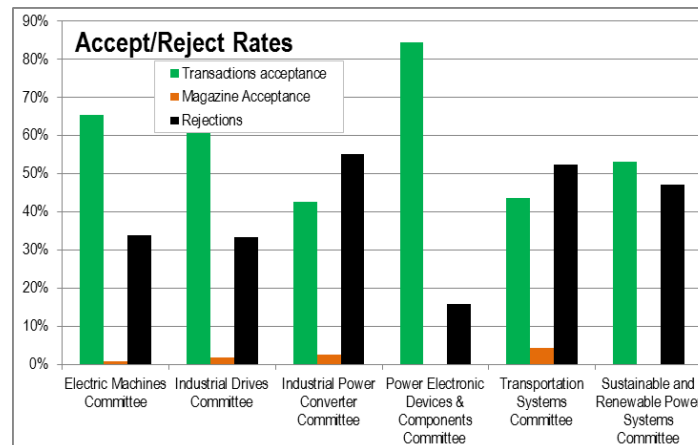
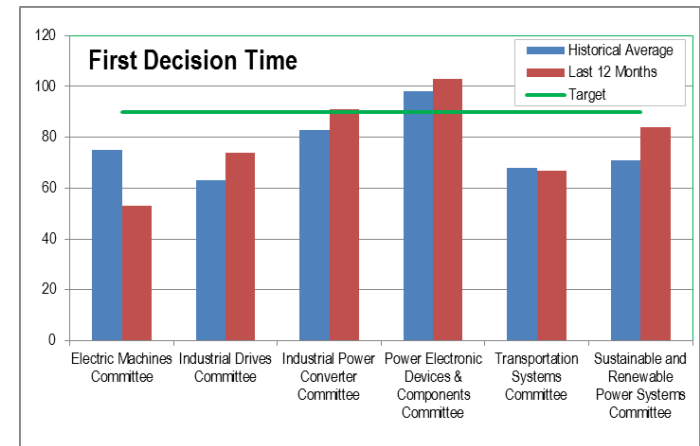
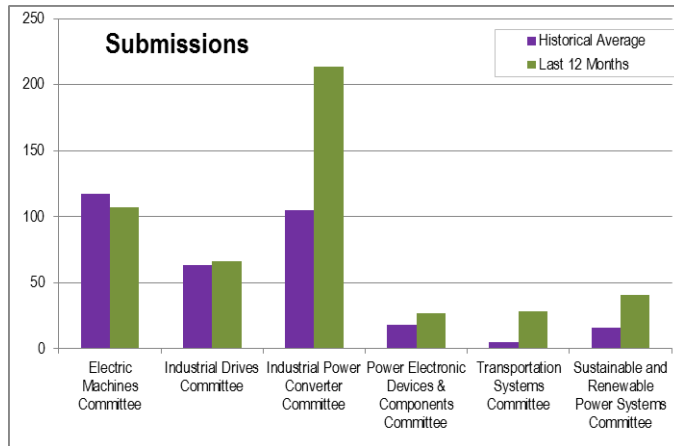
- IEEE Std 519-2014 approved
  - Sponsorship by IPCC dropped
- IEEE Std 1662-2008 approved for revision
  - First meeting scheduled for Mid-October 2014

## Transactions Review

Leon Tolbert

- Two minor issues with plagiarism found.
- Manuscripts received: 59
- Manuscripts currently under review: 35
- Jan/Feb 2014: 16 papers published
- Mar/Apr 2014: 12 papers published
- May/Jun 2014: 11 papers published
- Jul/Aug 2014: 9 papers published

## Transactions Review





## Transactions Review

### Announcements

- More associate editors needed email Leon Tolbert ([tolbert@utk.edu](mailto:tolbert@utk.edu))
- All potential papers must be first be presented at an IAS sponsored conference. Email the active Transactions Review Chair with the paper's title, author names, author emails, conference, and date presented.
- ECCE 2014 papers submitted for IEEE Transactions Review by Nov. 1, 2014, will be considered for Prize Paper Awards

## Transactions Review

- Prize papers were announced and certificates presented. Photos taken with authors and Bill Peterson. See Pericle Zanchetta for pictures.

**First Prize:** Kei Sekiguchi, Pracha Khamphakdi, Makoto Hagiwara, and Hirofumi Akagi, "A Grid-Level High-Power BTB (Back-To-Back) System Using Modular Multilevel Cascade Converters Without Common DC-Link Capacitor"

**Second Prize:** Chia-tse Lee, Bo-siang Wang, Sheng-wan Chen, Shih-feng Chou, Jun-lin Huang, Po-tai Cheng, Hirofumi Akagi, and Peter Barbosa, "Average Power Balancing Control of a STATCOM Based on the Cascaded H-Bridge PWM Converter With Star Configuration"

**Third Prize:** Yuhei Okazaki, Makoto Hagiwara, and Hirofumi Akagi, "A Speed-Sensorless Start-up Method of an Induction Motor Driven by a Modular Multilevel Cascade Converters (MMCI-DSCC)"

## Fellow and Award Nominations

Bill Petererson

### Announcements

- Pedro Rodriguez was elevated to the IEEE Fellow grade
- Yen-Shin Lai, was elevated to the IEEE Fellow grade
- Braham Ferreira, won the 2014 Gerald Kliman Award
- Nomination Due Dates
  - 2016 IEEE Richard Harold Kaufmann Award – January 31<sup>st</sup> 2015
  - 2015 IAS Gerald Kliman Innovator Award – June 1<sup>st</sup>, 2015
  - IAS Distinguished Service Award – March 15<sup>th</sup> 2014
  - IAS Outstanding Achievement Award – March 15<sup>th</sup> 2014

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## Active Officers

- Dr. Bill Peterson – chair
- Prof Pericle Zanchetta – vice-chair
- Dr. Grant Pitel – secretary
- Prof Potai Cheng – past chair

## Liaison Officers

- Prof. Toshihisa Shimizu (Japan) - Asian Liaison
- Dr. Pierluigi Tenca (Germany) – European Liaison
- Prof. Luca Solero (Italy) – European Liaison

Business cards collected for reviewers. Names and email addresses will be collated.

See Grant Pitel for list of potential reviewers or for original presenter slides.