

(Miami Section) Region 3 Section Report – (March 14-17, 2014)

- **Meeting Topics:** The Miami Section had conducted more than 40 technical and professional meetings during the last year. Some of the meeting topics include:
 - Distributed Control and Operation of Hybrid Power Systems Involving DC Microgrids
 - Precision Battery State of Charge and State of Health Assessments
 - Time Stamping and Synchronized Measurements in Smart Grid Applications
 - Condition Monitoring and Fault Diagnosis of Electric Machine Drives from Electromagnetic Field Signatures
 - Fault Tolerant and Efficient Electric Drive Technologies for E-Mobility
 - The Adaptive Adversary: Investigating the Human Element in Power Grid Cyber attacks
- **Meetings Attended**
 - IAS Annual Meeting-Orlando
 - PES Meeting-Vancouver
 - ISGT 2014
- **Future Events**
 - Tutorial by PES & Computer Chapters
 - Planned Lectures by Three Chapters
 - Future City Competition 2015
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- **Pre-College Activities**
 - Future City Competition 2014
 - Science/Math Teacher workshop
 - Visits by Junior High and High School Students
 - Nominations for Senior members and awards
- Networking at meetings
- **College Student Activities**
 - Southeastcon 2014 preparation meetings.
 - Support for students conference participation
 - Paper presentations by several students from FIU
- **Challenges**
 - Finding Volunteers
- **Recruitment**
 - Involving Graduate Students
 - Communication with several members for future positions
- **Communication**
 - E-mails
 - Website
- **Chapter / Affinity Group Activity**
 - PES and IAS Student Branch Chapters are very active
 - Continuing effort to create MAG/APS Chapter in the Section
 - Working on creating Women in Engineering and Life Member Affinity Groups
- **Awards**
 - Best Paper at IEEE SmartGridComm
 - Service Awards to departing officers

Member Involvement: Volunteers for section offices were solicited in October, November, and December of 2013. No new volunteers came forward. We were able to get current officers to continue for one more year.	
Miami Section Current Officers	
CHAIR: Osama Mohammed [mohammed@fiu.edu]	VICE CHAIR: Juan Farah
SECRETARY: Ali Mazloomzadah	TREASURER: Juan Farah
MEMBERSHIP DEVELOPMENT: Osama Mohammed	STUDENT ACTIVITIES: Osama Mohammed
AWARDS: Arif Islam	COMPUTER Chapter: Alex Perez Pons
VT / COM Chapter: Arif Islam	PES Chapter: Juan Farah
TM: Chin-Sheng Chen	EMB Chapter: Sakhrat Khizroev/ Rakesh Guduru
IAS Chapter: Osama Mohammed	PES Student Branch Chapter Chair: Ahmed Elsayed
IAS Student Branch Chapter Chair: Mustafa Farhadi	PACE: TBA
FIU STUDENT BRANCH CHAIR: Adam Manoussakis	