

Region 3 Area 6 Report – Ron Ogan 9 September 2013

Alabama IEEE Section, Birmingham, AL <http://www.ieee-alabama.org>

The Alabama IEEE Section Chair is Mark Torres and the website <http://www.ieee-alabama.org> lists the other officers and meetings.

Alabama IEEE Section

Chairman Mark Torres 205-989-0500 mgtorres@ieee.org

Treasurer Michael Cannady 205-992-6730

m.cannady@ieee.org

The Alabama Section has 5 active societies as listed below and a GOLD chapter. Noted that the Engineering Management delted and the Magnetics Society was added. The Montgomery Sub-Section has been inactive for the two years.

Industry Applications

Larry Jackson ljackson@robinsmorton.com Geoff Clark 205-972-6430 ClarkG@bek.com

Communications Society

John Spencer 205-8630

hforsythe@ieee.org

Power Engineering

Derrick Cherry ddcherry@southernco.com Steve Black 205-257-3351

sbblack@southernco.com

Magnetics

Dr. Takao Suzuki takaosuzuki@mint.ua.edu Dr. Subhadra Gupta sgupta@eng.ua.edu Dr.

Tim Mewes tmewes@mint.ua.edu

Computer

Dr. Jeff Gray 205-348-2847

Date	Event Title	Speaker(s)
09 September 2013 05:30PM	September Section Meeting - Joe Fehrmann	Joe Fehrmann
11 September 2013 04:00PM	September 2013 Industry Applications Meeting	Ivor Hay
13 September 2013 11:30AM	Alabama COMSOC Meeting - September 13, 2013	Doug Rigney

Huntsville, AL IEEE Section <http://www.ieee-huntsville.org/>

Eric Gorgorian, 2013 Huntsville, AL Section Chair provides communication to active societies: Aerospace & Electronic Systems, Computer, Control Systems, JCAM-Joint Communications, AP and MTT, Electromagnetic Compatibility, and Technical Management Council. There are active student braches at Alabama A&M and the

University of Alabama at Huntsville in addition to a GOLD Chapter. There are approximately 1400 members in the Huntsville Section with members being affected by the termination of the Space Shuttle flight end and planned cutbacks in defense spending.

IEEE Huntsville Section Report, April 2013

Since 2012, the Huntsville Section held a host of technical, professional, administrative and social meetings, including presentation from IEEE DLT program.

Most Fun Recent Activity:

We are currently in the process of defining on how we will be celebrating Section's 60th Anniversary.

Most Successful Recent Activity:

FutureCity!! We continue to improve our yearly sponsorship of the FutureCity competitions. This year one of our area schools made it to the top 10 in the national competition in Washington DC.

Member Engagement Activities:

The Huntsville Section provides many opportunities for member engagement. We continue to support local STEM activities such as the regional and state science fairs, BEST Robotics, FIRST Robotics, STEDTRAIN, and others. We also are in the process of organizing a series of robotics training sessions using Arduino boards.

Section Activities Focused Outward:

As mentioned above, many of our member engagement activities are focused outward. We have continued to concentrate a vast amount of our efforts in the k-12 STEM activities. We have also continued to provide as many as technical sessions for the current membership. Our EMC society continues to provide regularly scheduled meetings throughout the year. And currently have plans for DLT presentations in April and May. We were also successful in combining our Controls and Robotic Societies into a Joint society and received \$1000 seed money from Robotics Society for the Arduino boards for the training sessions.

Barriers:

Biggest barrier is identifying and recruiting volunteers and new blood.

Future events are listed on the HSV website <http://www.ieee-huntsville.org/calendar>

Mississippi IEEE Section <http://www.ieeems.org/>

The Mississippi IEEE Section website <http://www.ieeems.org/SectionMeetings> has held six luncheon and evening meetings during 2013. An all day seminar entitled the IEEE Mississippi Fourth Annual Engineering Professional Development Seminar was held at Jackson State University on May 17, 2013 which had over 40 paid attendees. All meeting have been entered into eTools.

The new Power & Energy Society started by Tom Field, Chair, IEEE Jackson PES Chapter, 601-985-2335 tfield@entergy.com <http://ewh.ieee.org/r3/mississippi/pes/> has elected new officers for 2013: 2013 PES Officers Chris Sistrunk – Chair SISTRUNK J <CSISTRU@entergy.com>; Jeremy Blair – Vice Chair Naveen Bokka – Treasurer John Stevens – Secretary PES has received great support form Entergy and Jackson State University.

The IEEE Mississippi Section has held 6 meetings this year as shown on the website including the Lunch and Learn lunches and the JSU seminar which all qualify and

should be reported to IEEE.

See the meeting list at:

<http://www.ieeems.org/SectionMeetings>

	<u>Date</u>	<u>Reg</u>	<u>Sec</u>	<u>Location</u>	<u>Virtual?</u>	<u>Options</u>
FOURTH ANNUAL ENGINEERING PROFESSIONA...	17 May 2013	3	MISSISSIPPI	Jackson, Mississippi	No	Show Edit Delete
POWER TRANSFORMERS - SHORT COURSE	07 May 2013	3	MISSISSIPPI	Jackson, Mississippi	No	Show Edit Delete
IEEE Lunch and Learn - Presentation b...	27 Mar 2013	3	MISSISSIPPI	Pearl, MS , Missi...	No	Show Edit Delete
IEEE Lunch and Learn - Gas Line Safet...	27 Feb 2013	3	MISSISSIPPI	Pearl, MS , Missi...	No	Show Edit Delete
IEEE Lunch and Learn - AT&T U-verse	23 Jan 2013	3	MISSISSIPPI	Pearl, MS , Missi...	No	

Mobile, AL IEEE Section

Mobile, AL IEEE Section to discuss rejuvenation organizational issues and offer Region 3 support for their activities

Attendees: Bill Ratcliff, Ron Ogan, Region3

Professor Mohammad S. Alam, PhD University of South Alabama(USA) Fellow – Chair –Mobile IEEE Section malam@ usouthal.edu (251) 460-6117

Associate Professor Tom Thomas, PhD USA EE Dept Associate
tthomas@usouthal.edu (251) 460-7516

Lynne U. Chronister, USA VP for Research and Economic Development lchronister@
usouthal.edu (251) 460-6333

Associate Professor Sam Russ, PhD USA, samamdannruss@ieee.org

A special presentation was given to USA students and Mobile IEEE Section members from 1-2pm entitled “Cranking up University Research and Economic Development” by Mohammad A. Karim, PhD, VP for Research at Old Dominion University, Norfolk, VA

IEEE Concentration banking was discussed and recommended to follow IEEE procedures.

Ron Ogan Met with Dr. Alam at Southeastcon2013 to confirm plans for 2013 meetings and to work with the new Airbus personnel and briefly discussed these topics: Gulf Coast Aerospace Corridor, Distinguished Lectures available with Aerospace & Electronic Systems and Computer Society., Membership growth and senior member upgrades, Importance of Corporation involvement.

Dr. Mohammad S. Alam, Professor and Chair
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The Mobile IEEE Section is well on the way with four meetings held in 2012.

Respectively Submitted by

Ron Ogan

IEEE Region 3 area 6 Chair rtogan@ieee.org cell 972-672-0237

Project: example

Goal

Promote and Support Engineering Education in AL & MS with initiatives for improved and awareness

Member Experience Improvement

- Improve IEEE and engineering awareness in AL & MS
- Be active in Teacher-in-Service, Women-In-Engineering, MathCounts, and High School presentations and robotic projects.
- Work with these Universities to promote IEEE and education initiatives:
- MSU, JSU, USM, UAH and USA (Mobile)

Project Success - Metrics

- Target to improve engineering enrollment by 5% in AL & MS

Progress

Milestone	Target Completion	% Complete
Set up meetings in AL & MS IEEE Sections with High Schools and key engineering companies to promote education	Dec 2013	50 % Nov 21 meeting set
MathCounts presentation planned for Southeastcon	Friday 5 April 2013	100 %
Jackson State University Advisory Board meeting	Thursday 25 April 2013	100 %
Supported HINDS Community College Unmanned Aerial Vehicle activities and Safety meetings	Thursday 12 March 2013	100 %
IEEE Mississippi Section has sent \$1,000 to JSU, USM and MSU for IEEE Student Branches	new	100 %

Budget / Resources

Use IEEE Section budgets and corporate donations



Project: example

Goal

Engineering Employment and Economic Development

Member Experience Improvement

- Use IEEE clout to provide focus and get results to improve engineering employment in Electric Power Generation and Electric Vehicles working with the MSU Center for Advanced Vehicle Systems, Toyota, Blue Springs, MS and Nissan, Canton, MS
- Also, work with the aerospace companies Stark Aeronautics, Eurocopter, Aurora Aeronautics, Columbus, MS to engage in IEEE projects to increase employment

Project Success - Metrics

- Hold meetings in Vicksburg, Jackson and Starkville, MS to grow membership by 5%

Progress

Milestone	Target Completion	% Complete
Work with Governor Phil Bryant's MS Economic Development Council to form strategy. Participated in MS Legislative Day (note 1)	Dec 2013 (Note 1) 13 Mar 2013	(note 1) 100 %
Work with the MSU Center for Advanced Vehicle Systems (CAVS)	Dec 2013	100 %
Robotics meeting planned for MSU in Columbus/ Starkville, MS area	18 April 2013	100 %

Budget / Resources

Mississippi Section has entered a budget into Netsuite. Proposals for \$5,000 projects to be sent to R3 and IEEE-USA by May 2013

