

Melbourne Section Report for Region 3 Meeting, April 2007

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2007 Section Officers Election was held on January 25, 2007.

CHAIR – John Blakey, john.blakey@ieee.org

VICE CHAIR – Jessica Beahn, jabeahn@cfl.rr.com

SECRETARY – Mary Flavin, mary.flavin@ieee.org

TREASURER - Edward Kirchner, edward.kirchner@ieee.org

MEMBERSHIP DEVELOPMENT – Bruce Crain, bruce.crain@ieee.org

PROFESSIONAL ACTIVITIES – Frank Vassallo, fvassallo@tecomsys.com

STUDENT ACTIVITIES - Ed Westcott, ewestcott@cfl.rr.com

EDUCATIONAL ACTIVITIES - Brian Hogg, skemb@msn.com

AWARDS - Bruce Crain, bruce.crain@ieee.org

WEBMASTER - Rick Botsford, botsfri@ieee.org

ADDITIONAL OFFICERS

Florida Council Representative - Ed Westcott, ewestcott@cfl.rr.com

CCTS Representative - Doug Mordaunt, dmordaunt@cfl.rr.com

SENIOR MEMBERSHIP ELEVATION – Jay Kralovec, jay.kralovec@ieee.org

CHAPTER and AFFINITY GROUP CHAIRS:

Joint AP/MTT Chapter Chair, Mark Jones, mjones32@cfl.rr.com

Joint SP/COM Chapter Vice Chair, Ken Lemp, kenneth.lemp@ngc.com

EMC Chapter Chair, Bruce Crain, bruce.crain@ieee.org

EMC Chapter Vice Chair, Jed Withers, jwithers@cfl.rr.com

SP/COM Chapter Chair, Cypryan (Kip) Klish, cypryan.klish@harrisstratex.com

SP/COM Chapter Vice Chair, Peter Brackett, peter.brackett@ieee.org

Consultants Network Affinity Group, Mary Flavin, mary.flavin@ieee.org

GOLD Affinity Group, Xanthe Johnson, xanthe.johnson@ieee.org

Life Member Affinity Group Chair, Ed Westcott, ewestcott@cfl.rr.com

2006 Section Highlights

- Support to educational activities
 - Provided \$1000.00 support to Florida Tech (FIT) Student Chapter to help them sponsor the 1/14/06 FIRST LEGO Robotics event for high-schoolers.
 - Provided judges and \$750.00 prize money for Brevard South Regional Science and Engineering Fair on 2/4/06, awarding prizes for best presentations in both Electrical Engineering and Computer Engineering
 - Provided \$500.00 grant to the Florida Tech Green Campus Group to support the Second Annual Florida Tech Solar Music Fair to be held on Earth Day, Saturday, April 22, 2006. This event promotes use of renewable energy sources.
 - FIT Student Chapter participated in Melbourne Section social activities.
- Sponsored two tables at the Canaveral Council of Technical Societies Engineers Week Banquet. Melbourne Section presented award for outstanding service to Dr. Peter Brackett.
- Sponsored a booth for the Consultants Network Affinity Group at the EXPO2006 Small Business Trade Show at Port Canaveral. Provided information on the Consultants Network and gave CN members the opportunity to advertise their own companies and services. In addition, information on the IEEE and section activities was also on display in support of Membership Development. A video of the Robot was shown on a laptop computer. The Student Activities Chairman explained the purpose of the Robot project.

- Started a GOLD Affinity Group in March 2006.
- Started a Life Member Affinity Group in November 2006.

Jan 2006 – March 2007 Activities. The Melbourne Section’s activities are shown in the table below.

Section, Chapter, or Affinity Group	Date	Activity/Title/Speaker	Category	Attendees/ IEEE Members	Joint with Student Branch
AP/MTT	4/25/06	Presentation: “Design of Infrared Reflectarrays”, James Ginn	Technical	16/16	YES
AP/MTT	12/12/06	Tour of local facility, joint with SP/COM	Technical	15/15	
AP/MTT	2/6/07	Presentation: “Simulation of Broadband RCS of a UAV”	Technical	14/13	
AP/MTT	2/27/07	Planning session	Administrative	3/3	
Consultants Network	10/03/06	Planning for EXPO2006 Small Business Trade Fair Booth	Administrative	8/4	
Consultants Network	10/17/06	EXPO2006 Small Business Trade Fair, Opening remarks, James Kennedy, KSC	Professional	5/3	
EMC	2/27/06	Presentation: “Mil-Standard EMC Testing of Products and Aircraft,” Ken Javor Presentation: “Anechoic Chamber Solutions for Antenna Pattern Measurements”, Vince Rodriguez	Technical	55/20	
EMC	9/21/06	Presentation: “EMC 101,” Rafik Stepanian	Technical	15/10	
EMC	11/21/06	Presentation: “Sourcing EMI Problems Fast,” Rick Muro	Technical	10/7	
EMC	2/15/07	Presentation: “Shielding Theory and Design,” Michael J. Oliver	Technical	9/8	YES
GOLD	4/19/06	Kick-Off Dinner Meeting, Xanthe Johnson	Social	17/17	
GOLD	6/7/06	Seminar on purchasing a first home	Educational	10/7	
GOLD	10/10/06		Administrative	4/4	
GOLD	11/16/06	Presentation: “Managing your Finances,” Dennis Broderick	Educational	9/4	YES
GOLD	2/12/07		Administrative	5/4	
Life Member	11/9/06	Presentation: “Development of LM Mission Statement,” Edmund J. Westcott	Administrative	5/5	
Life Member	12/1/06	Presentation: “FIT Student Member Robot Project Status,” Stevens Cadet Presentation: “Melbourne Section LM Affinity Group Final Mission and Vision Statements,” Edmund J. Westcott	Technical	6/6	YES
SP/COM	1/19/06	Presentation: “Packet Speech on the ARPANET,” Dr. Robert M. Grey, Distinguished Lecturer	Technical	30/30	YES
SP/COM	10/26/06		Administrative	3/3	
SP/COM	12/12/06	Tour of local facility, joint with AP/MTT	Technical	15/15	

Melbourne	1/26/06	EXCOM kick-off meeting	Administrative	17/16	
Melbourne	2/24/06	Canaveral Council of Technical Societies (CCTS) Engineers Week Banquet	Social	15/10	
Melbourne	3/29/06	Administrative Meeting	Administrative	9/9	
Melbourne	4/23/06	Section Officer Spring Cookout	Social	24/9	YES
Melbourne	5/16/06	Administrative Meeting	Administrative	15/14	
Melbourne	6/6/06	Presentation: "DVD – Florida State Professional Engineering Laws & Rules Continuing Education," Suncam Inc.	Educational	5/5	
Melbourne	6/11/06	Section Annual Picnic/Baseball Outing	Social	61/20	YES
Melbourne	8/12/06	Administrative Meeting	Administrative	13/13	
Melbourne	1/25/07	General Meeting, Election of Officers	Administrative	32/30	
Melbourne	2/23/07	Canaveral Council of Technical Societies (CCTS) Engineers Week Banquet	Social	24/10	

Planned 2007 Activities

Support to educational activities

Provide \$500.00 support to Florida Tech Student Chapter to help them defray travel expenses to Southeast Con where they will give a presentation on the Robot project.

Provide judges and \$750.00 prize money for Brevard South Regional Science and Engineering Fair 2007, awarding prizes for best presentations in both Electrical Engineering and Computer Engineering.

In the fall, the awards committee will take nominations for member who performed outstanding service to the IEEE and the section. The award will be presented at the annual CCTS Engineers Week banquet.

The Section will continue its support to the Consultants Network by providing a booth at the annual EXPO Small Business Trade Fair at Port Canaveral. It is hoped that the Robot will be available for a demonstration. Membership Development materials will be on display in the booth.

Meetings

March 27, 07 – Meeting open to the membership to assist members with their applications to Senior level. An EXCOM administrative meeting will also take place.

March 28, 07 – SP/COM technical meeting. Topic: "New Approaches to Complexity Reduction in Video Transcoding.

April 10, 07 - AP/MTT technical meeting. Topic: "Application of Asymptotic Methods to Large Practical EM Prediction and Design Problems," speaker: Dr. Ron Marhefka, Ohio State University ESL.

April 18, 07 - Consultants Network professional meeting. Topic: "The Advantages and Disadvantages of Consortiums," speaker: Mr. Gary Beckert, VictoryMil Consortium.

Spring – GOLD Affinity Group social

Spring/Summer – Life Member Affinity Group social

Summer - Annual Section Picnic

Fall – AP/MTT Chapter technical meeting,

Fall – SP/COM Chapter technical meeting, subject TBD

Fall – EMC Chapter technical meeting, subject TBD

Fall – Consultants Network booth at EXPO 2007 Small Business Trade Fair at Port Canaveral

Fall – GOLD Affinity Group social

Fall/Winter – Life Member Affinity Group social

Various – EXCOM meetings every ~2 months

Submitted by: Mary A. Flavin,
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