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IEEE Dallas Section: Direction

April 2009

Volume 52, Number 8

From the Chair

By **Larry Zhang**
l-zhang1@ti.com

April is filled with exciting activities for the IEEE Dallas section and many interesting meetings from our local society chapters to benefit our members. In the Last month, several members helped to stage a booth at the **2009 Real-Time & Embedded Computing Conference on March 17th at the Richardson Renaissance Hotel.** This month, we will have the following events that as highlights:

1. IEEE Dallas Section Annual Award Banquet, April 25th

This year we will continue our tradition of recognizing outstanding members from IEEE Dallas section who have served our community, have made significant contributions in their field, have been outstanding volunteers in the Dallas section or its chapters, or have been good presenters or speakers for our local chapter meetings.

2. Officer training and Senior Member Upgrades May 9th at UTD

We will organize our first senior member upgrade and officer training meeting on May 9th at UTD to provide a venue to exchange ideas among Chapter volunteers and leaders to improve our meeting activities and membership

attendance.

The senior member upgrade event will help to recognize and elevate our local IEEE members who have contributed to their profession and the industry.

3. IEEE booth at the Sally Ride Science Festival at SMU on April 25th.

Recently we have made a conscious effort to collaborate with many other Metro area organizations to jointly sponsor activities in 2009. On April 25th, the IEEE Dallas section, the Fort Worth section, and region 5 will stage an **IEEE Booth at the Sally Ride Science Festival at SMU.** For this particular event, parents, teachers and pre-college students will attend. Therefore, the booth would focus on pre-college STEM related activities that IEEE is involved: like the teacher in service program, Future Cities, robotics competitions at pre-college level.

With the effort from all of us, I hope we can offer more local IEEE activities and benefits to our members and the local community. I appreciate the effort from all the section and chapter volunteer leaders and welcome more members to participate in this process.



The Annual IEEE Dallas Section Awards Banquet 2009

Presenting the Outstanding Achievement and Outstanding Company Awards from the Section and the Outstanding Service Awards from the Societies

For more information and to register online click on the link.

<http://ewh.ieee.org/r5/dallas/AwardsBanquet/>

Executive Committee

Chair: Dr. Larry Zhang
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Dallas Section Chapter Meetings/Events



The University of Texas at Arlington - College of Engineering

NANOFAB

Spring 2009 DISTINGUISHED SPEAKER SERIES MICRO & NANO-SYSTEMS 2:00pm – 3:15pm, Nedderman Hall, Room 105

April 2

NanoMEMS

Héctor J. De Los Santos, Ph.D.
President and CTO
NanoMEMS Research, LLC
Irvine, California, U.S.A.

April 21

Manufacturing of Sensors and Other MEMS Devices Using Ink-Jet Technology

David B. Wallace, P.E., Ph.D.
V.P. Technology Development
MicroFab Technologies, Inc.
Plano, Texas 75074

April 28

Nanotools For Detection of DNA and Single Cell Events

Joseph Irudayaraj, Ph.D.
Associate Professor of Biological Engineering
Co-Director of Physiological Sensing Facility,
Bindley Bioscience Center
Purdue University, West Lafayette, IN 47907

RSVP to Thanh Bui at tbui@uta.edu or 817-272-1536.

<http://www.uta.edu/engineering/nano/spring2009.php>

This series is in conjunction with EE 5344 – Introduction to MEMS, which is offered by UT Arlington. Information about this course and microsensor activities at UT Arlington can be obtained from Professor Z. Celik-Butler at zbutler@uta.edu.



Computational Intelligence (CI)

Topic: Cognitive Radio: Research Challenges
Date: Friday, April 3, 2009,
Time: 2:00 p.m. - 4:00 p.m.
Location: Toronto, Canada, IEEE R7 – Webinar accessible
Cover: N/A
Speaker: Prof. Simon Haykin
RSVP: <https://www2.gotomeeting.com/register/260878841>

Abstract: To set the stage for the motivation behind Cognitive Radio, I begin the lecture by speaking on the Computer and the Mind. Interest in Cognitive Radio has grown exponentially in the past four or five years, largely because of the potential this new and exciting transformational technology offers in solving the spectrum underutilization problem.

To be specific, I will describe in detail the major issues in Cognitive Radio:

1. Spectrum sensing;
2. Transmit power control;
3. Dynamic spectrum management; and

4. Emergent behaviour of cognitive radio networks.

What is exciting about working in Cognitive Radio is the multidisciplinary nature of the subject. Moreover, recognizing that the wireless channel is known for being an unreliable medium, the design of a cognitive radio network that offers reliable service, whenever and wherever needed, makes this work all the more challenging and therefore exciting.

Speakers' Biography: Simon Haykin received his B.Sc (First Class Honors), Ph.D. and D.Sc, all in Electrical Engineering at the University of Birmingham in England. Presently he is a University Professor in the Department of Electrical and Computer Engineering at McMaster University, Canada. He is a Fellow of the IEEE and a Fellow of the Royal Society of Canada.

He is the recipient of an Honorary Doctorate of Technical Sciences from ETH, Zurich, Switzerland, and the first recipient of the Henry Booker Gold Medal from URSI, as well as many other prizes and awards.

He is the author/coauthor of many books, including the classic books: Adaptive Filter Theory (Prentice Hall), Neural Networks (Prentice Hall), and Communication Systems (Wiley). His current research interests are focused on Cognitive Dynamic Systems with particular emphasis on the following:

1. The design of a new generation of adaptive hearing system for the hearing impaired (encompassing a cocktail part processor and neuro-compensator), and the modeling of human communication in a noisy background,
2. Nonlinear filtering for state estimation.
3. Cognitive radar networks involving the use of inexpensive radar sensors.
4. Robust algorithms for transmit power control and spectrum management in cognitive radio.

Website URL: <http://toronto.ieee.ca/events/apr0309.htm>

Contact Information: Orlando De Jesús, Ph.D. Office Phone: 972-418-3078 orlando.dejesus@halliburton.com

Technology Management Council, GOLD and Life Members

Topic: Energy Alternatives for 2009
Date: Friday, April 10, 2009
Time: 11:15 AM to 1:00 PM
Location: Pasand Indian Cusine
(SouthEast corner of Coit and Campbell, 2 ½ miles West of Highway 75.)
1377 West Campbell Rd.
Richardson TX 75080
Tele. # (972) 644-4447
Cover: None, although donations are welcome to help stay on budget!
Speaker: Tarik Rodgers
RSVP: By Wed, April 8, to Bob Bishop. r.bishop@ieee.org (903) 815-8788 cell

Dallas Section

Chapter Meetings/Events

Abstract: I will talk about the 12 new programs that are launching from Oncor, and how many of them are related to the advancing of various technologies and development of a competent installer/service provider base. Industry development requires advances from technology to analysis/audit standards and whole system solutions (house, building, manufacturing process) using energy efficient and renewable measures (Solar PV, and Solar Water Heating, Geothermal, LED and CFL Lighting, Insulation, Efficient Manufacturing Processes, HVAC, etc.).

Speakers' Biography: Bio on Tarik Rodgers

- BSME, New Jersey Institute of Technology, 1996
- MBA, Finance & Strategy, Northwestern's Kellogg School of Management, 2002
- Currently Manager at Geavista Group market transformation consulting company, working on the Oncor account and their \$100MM commitment to advancing Energy Efficiency and Renewable Energy
- Specifically managing the Residential and Renewable Energy programs (Solar PV, Solar Water Heating, Residential Audit, Home Performance with Energy Star.)

Contact Information: Bob Bishop. r.bishop@ieee.org (903) 815-8788 cell

Consultants Network (CN)

Topic: What You Need to Know to Start a Business in Collin County

Date: Monday, April 13, 2009

Time: Social/Networking/Dinner 6:15 pm Program 6:45 pm.

Location: Holiday Inn Select, 1655 North Central Expressway, Richardson, TX
(south of Campbell Road, west side of Central)

Speaker: Gloria Daniel, Small Business Development Center

Cover: \$5 for IEEE Members, \$15 for non-IEEE Members/Guests (includes light supper buffet) IEEE members who RSVP may bring a guest for a guest charge of only \$5 if they RSVP by the Friday before the meeting. [Click the link to RSVP.](#)

Description: When you want to start a business, you need all the resources you can get to quickly launch you on your way to success. The Small Business Development Center is a goldmine of information and resources. Learn what they are and how to access them so you can build a successful business.

Speaker Bio: Gloria Daniel has been welcoming clients to the Small Business Development Center for more than five years. She assists clients by explaining services and connecting them with resources.

Prior to joining the team at Collin's Small Business Development Center, Gloria worked as an executive administrative assistant in sales and marketing for more than 25 years.

Gloria enjoys speaking with new and returning clients and looks forward to hearing the numerous success stories.

Consumer Electronics (CE)

Topic: Electro-Magnetic Compatibility for Consumer Products

Date: Tuesday, April 14, 2009

Time: 11:00am – 11:45am Lunch & networking
11:45am – 12:45pm presentation

Location: Dallas Texins Activity Center
13900 North Central Expressway, Dallas, Texas 75243
Phone: 214.567.3777 (show driver's license to enter)

Speaker: Bill Paschetag, NARTE Certified EMC Engineer

Abstract: The program, "ElectroMagnetic Compatibility for Consumer Products", will present reasons for EMC compliance in the US and internationally with a discussion of the various EMC standards. Some EMC design techniques to control RF emissions from the electronic products and also to control the immunity of the equipment to environmental effects will also be discussed. Also, for people who have not experienced EMC product evaluation, a discussion of some of the terminology used will be presented to take some of the "mystery" out of EMC testing and resulting test reports.

The presentation will include an insight to lesser-known factors of circuitry and circuit design/layout which can and does affect the EMC characteristics of the product.

Biography: Bill Paschetag is a NARTE Certified EMC Engineer with over twenty-five years experience in EMC control and testing. Also, he is an IEEE Life Senior Member, a chapter officer of the Dallas IEEE/EMC Society from 1998 thru 2008 and the EMC Chapter Chairman from 2005 thru 2007.

His technical experience includes 29 years with E-Systems, Garland Division, in EMC design support and test on projects including the NASA Astronaut Maneuvering Unit, Apollo Command Module Environmental Control System and Telescope Mount, A7 Ground Support Equipment, and various communication and data processing systems and facilities. Also, later in his career at E-Systems, he worked as a digital circuit design engineer, a laser/electro-optic systems engineer, and project manager.

After retiring from E-Systems, he was an EMC engineering consultant to TI, Bosch Telecom and SpectraPoint on the 28 GHz LMDS Wideband Wireless Data Distribution System. After SpectraPoint ceased operation in 2000, Bill started his EMC consulting company, E. W. Paschetag Consulting, Inc., EMC by Design, which provides EMC design/test support to companies in north Dallas and Collin counties.

Photonics Society

Topic: The Flow of Light Molding Our Lives

Date: Tuesday, April 14th, 2009

Time: Refreshment 6:00 PM, Program 6:30 PM

Location: Photodigm Inc., 1155 E. Collins Blvd. #200, Richardson, TX 75083-0938.
Map available at <http://lyle.smu.edu/leos/>

Cover: Free

Speaker: Mr. Heman K. Sabat,
Coscend Communications Solutions,
19019 Preston Road, Suite 409,
Dallas, TX 75252

Abstract: This keynote addresses how photonics, the flow of light, is

Dallas Section Chapter Meetings/Events

emerging as an enabler of consumer expectations to mold our lives.

The audience would collaboratively explore:

- The classical challenge of how the boundaries of existing systems are in the danger of hitting a brick wall,
- The fundamentals of a photonics system,
- A framework of applications of photonics,
- A vision and roadmap into the future, and
- The socio-economic impact of this technological advancement.

The concepts presented are born out of the learning gained from:

- A study of the chronological advancements in technologies over the past century
- The experience gained while building enduring, significant, category-defining organizations that applied these advancements.

Speakers' Biography: Hemant Sabat serves as the Chairman, President and Chief Executive Officer of Coscend Communications Solutions. As an active industry leader and ambassador, he serves as an Industry Advisor to the telecommunications boards in the U.S., the U.K. and Canada, and has been invited as a Keynote Speaker in the U.S. and Europe to evangelize the communications industry's vision, and how to build enduring, significant, category-defining businesses.

Most recently, he served as the General Manager of Communications and High-Technology Software business unit at Perot Systems Corporation. At Perot Systems, Nortel Networks, Sabre and Fannie Mae, he has built high-ROI businesses into global operations, helped gain strategic footprints, expanded customer base, and helped strengthen corporate brand. He has served as a member of eight Intellectual Property Rights review boards, and as a Visiting Professor in the University of Dallas MBA program. The essence of this leadership has been published in over 35 academic books and journals in the fields of communications, information technology and management, business strategy, marketing, engineering, and society and economy. These publications are used in several University curricula.

In 2004, the U.S. Government recognized him as an 'Extraordinary Ability' business leader for being in the top 1 percent in the telecom and IT industry. He received a national award from the eleventh President of India in 1992.

A former tennis and field hockey player, Hemant has hiked six 20,000-foot peaks in the Himalayas in 15 days, won a 20-mile mountain marathon and is proficient in seven languages. He jogs five miles daily.

Website URL: <http://lyle.smu.edu/leos/>

Contact Information: Reddy Urimindi (972) 523-3029 reddyu@ieee.org or Joy Chuang (214) 768-1464 hchuang@lyle.smu.edu

Instrument & Measurement Society

Topic: Advances in Test Methodologies in an Depressed Economy

Date: Thursday, April 16, 2009,

Time: 11:30am. - 1:00PM.

Location: Shui-Wah Chinese Restaurant
400 N. Greenville Ave., #11, Richardson, TX 75081
972.907.8655

Cover: \$5 includes Buffet Lunch

Speaker: Mystery Guest

RSVP: Lynne.Patterson@yahoo.com

Communications & Technology (CVT)

Title: The Latest Developments in LTE

Date: Tuesday 21 April 2009

Time: Luncheon starts at 11:00 a.m.
Main Presentation is from 12:00-1:00p.m.

Location: Holiday Inn Select, 1655 N. Central, Richardson
Please call 972 238 1900 for directions
(SW Corner Campbell and Central)

Cost: \$5 for IEEE Members, \$10 for Non-Members
No charge for Student and Life Members

Speaker: Dr. Hmimy, Ericsson

Abstract: Long Term Evolution is the technology that enables, for the first time, the convergence between 3GPP and 3GPP2 technologies. With more and more operators with WCDMA and CDMA networks are announcing their support and plans to deploy LTE, it is becoming the Global wireless broadband evolution. In this presentation, some details of the Technology on LTE RAN and Evolved Packet Core will be addressed along with the status of LTE in standards and the ecosystem of LTE.

Speakers Bio: Dr. Hmimy joined Ericsson Inc in 1996 and has been involved in several technical and managerial roles. He is currently with Market unit North America Strategy organization focusing on the LTE business development and solutions for North American customers. Prior to that he has been part of the solution management and CTO office where has been concentration on wireless broadband technologies HSPA, HSPA+ and LTE. He holds 10 US patents and more than 15 international conference and Journal papers in wireless communications systems and technologies. Dr. Hmimy is Adjunct Associate professor with EE Dept at SMU.

He received PhD in EE from SMU in 1996 and is IEEE Senior member since 2000.

Electromagnetic Compatibility (EMC)

Topic: Difficulties of Achieving a Uniform Test Field over 1-6 GHz

Date: April 21, 2009

Time: Refreshments 6 - 7 PM, Meeting at 7 PM

Location: Holiday Inn Select - Richardson

Speaker: Tom Mullineaux

RSVP: Bob Queen – BQDude1@tx.rr.com

Website URL: <http://DallasEMC.org>

Contact Information: Joe Stanfield [stanfield_joe@yahoo.com]

Aerospace and Electronic Systems Society (AESS)

Dallas Section Chapter Meetings/Events

Topic: Blind Source Separation: Finding Needles in Haystacks
Date: April 28, 2009
Time: Full Buffet 6:30 PM / Program 7:00 PM
Location: **Holiday Inn Select - Richardson**,
1655 N. Central Expressway, on the south-bound service
road of Central Expressway (US-75),
South of Campbell Road, and north of Collins Road.
Cover: \$5 for IEEE members / \$5 for non-IEEE members
Speaker: **Professor Scott C. Douglas**, Southern Methodist Univer-
sity

Program Summary: This talk describes the basic technology behind blind source separation, a signal processing method for separating and extracting useful signals from multiple sensor measurements. Both instantaneous narrowband and convolutive wideband cases are considered. Several examples from the areas of speech processing and wireless communications are described.

Speakers' Biography: **Scott C. Douglas** received the B.S. (with distinction), M.S., and Ph.D. degrees in electrical engineering from Stanford University. He is currently an Associate Professor in the Department of Electrical Engineering, Southern Methodist University, Dallas, Texas. His research activities include source separation, speech enhancement, and adaptive computational imaging devices. He is the author or co-author of two books, six book chapters, and more than 150 articles in journals and conference proceedings. He frequently consults with industry and offers short courses and tutorials in the areas of signal processing and source separation. A recipient of the IEEE Signal Processing Society's Best Paper Award, he is the General Chair of the 2010 IEEE International Conference on Acoustics, Speech, and Signal Processing, Dallas, Texas, and a member of both Phi Beta Kappa and Tau Beta Pi.

Website URL: <http://ewh.ieee.org/r5/dallas/aes>

Microwave Theory and Techniques (MTT)

Title: Packaging and Component Development for Wireless Applications.

Speaker: Rashaunda M. Henderson, Ph.D.,
Electrical Engineering Department, UTD

Date: Tuesday, April 28, 2009

Time: Lunch 11:30 AM / Program 12:00 noon

Charge: Mandatory \$5 (\$10 for non-IEEE members). Includes admission and buffet. No charge for Student and Life Members. Please bring your IEEE card to receive the reduced or free pricing.

RSVP: Please RSVP to csanabria@tqs.com by noon, April 24th, for restaurant headcount.

Location: Pasand-Indian Cuisine
1377 W Campbell Rd, Richardson, TX 75080
(972) 644-4447

Abstract: Front-end module development for wireless applications requires high performance components and circuits that are small in size. Commercial applications further require the lowest cost solution. This challenge can be addressed through the use of novel manufacturing techniques or improved circuit design in a high-yielding process. Depending on the specific application or need, there are benefits to both paths. Our research focuses on using enabling technologies to realize high performance microwave circuits and electronic packages for high frequency communication applications.

Speaker Bios: Rashaunda M. Henderson received the B.S.E.E. degree from Tuskegee University, Tuskegee, AL, in 1992, and the M.S. and Ph.D. degrees in electrical engineering from The University of Michigan, Ann Arbor, MI, in 1994 and 1999, respectively. She worked for eight years as a R&D device engineer at Freescale Semiconductor, Inc. (formerly Motorola Semiconductor Product Sector), in Tempe AZ. She joined the electrical engineering department at UT Dallas in September 2007 as an assistant professor where she conducts research in the Microwaves and RF area. Dr. Henderson is a senior member of the IEEE.

More information at the MTT website:
<http://ewh.ieee.org/r5/dallas/mtt/>

The Annual IEEE Dallas Section Awards Banquet 2009

Presenting the Outstanding Achievement and Outstanding Company Awards from the Section and the Outstanding Service Awards from the Societies

Date: Saturday April 25th, 2009
Time: 6:30 p.m. onwards
Location: Hotel Intercontinental, Addison TX
Registration Fee: IEEE members and guests (\$10 before April 17th and \$15 after April 17th).
Non-IEEE members. (\$15 before April 17th and \$20 after April 17th).
Payment is **due** at the hotel. We accept **Cash/Checks** only.
RSVP: <http://ewh.ieee.org/r5/dallas/AwardsBanquet/>

Dallas Section

Chapter Information

Aerospace and Electronic Systems (AES)

Website: <http://ewh.ieee.org/r5/dallas/aes/index.html>

Chapter Chair:	Tim D. Reichard	(972) 344-7512
	Tim_D_Reichard@raytheon.com	
Program Chair:	Chris Pilcher	(972) 952-3183
	cpilcher@raytheon.com	
Secretary / Treasurer:	Mark Gober	(972) 205-4752
	Mark_D_Gober@raytheon.com	

Antennas and Propagation (AP)

Website: <http://www.ieeedallas-aps.org/>

Chair:	Mr Narindra Nath Lakhanpal	(972) 387-9243
	narindra_lakhanpal@hotmail.com	

Circuits and Systems (CAS)

Website: <http://ewh.ieee.org/soc/cas/dallas/>

General chair:	Sudhind Dhamankar	(214) 567-8914
	sudhind@ti.com	
Vice chair:	Mak Kulkarni	(214) 567 5144
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Publicity Chair/Secretary:	Arjun Rajagopal	(214) 480-2752
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Member Chair:	Ping Gui	(214) 768-1733
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Past Chair:	Liming Xiu	(214) 480-4930
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Communications & Technology (CVT)

Website: <http://www.cvt-dallas.org/>

Chair	Steve Maxwell	(972) 250-1289
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Computational Intelligence (CI)

Chair:	Dingding Chen	(972) 418-3472
	Dingding.Chen@Halliburton.com	
Administrative Chair:	William A. Dembski	(817) 923-1921 x4435
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Organization Chair:	Orlando De Jesús	(972) 418-3078
	Orlando.DeJesus@Halliburton.com	

Computer (C)

Website: <http://chapters.computer.org/dallas/>

Chair:	Jim Bondi	
	j.bondi@ieee.org	
Vice Chair:	Don Shaver	
	shaver@ieee.org	
Treasurer:	Steve Chenoweth	
	schenoweth@ieee.org	
Secretary:	Bill Pervin	
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Program Chair:	Jim Bondi	
Web Chair:	Jim Bondi	

Consultants Network (CN)

Website: <http://www.ieeedallascn.org/>

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Programming:	Maura Schreier-Fleming	(972) 380-0200
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Treasurer:	David Stephens	(972) 365-4681

dstephens@inventgeniering.com

Secretary:	Lawrence Spritzer	(972) 740-0134
	lspritzer@earthlink.net	
Vice Chair:	Mike Hallett	(972) 394-0714
	mikehallett2@netscape.net	

Consumer Electronics Society (CES)

Website: <http://www.dallasces.org/>

Chair:	Sue Hui	(214) 567-5017
	suehui2000@yahoo.com	
Vice Chair:	Mike Hannah	(214) 480-1087
	m-hannah@ti.com	
Treasurer:	Anuradha Sundararajan	(214) 293 2537
	sanuradha@ti.com	
Secretary:	Adolfo Echeverria	(972) 742-7579
	adolfo@ti.com	

Education (E)

Past Chair	William M. Riley	(214) 478-4065
	bill@billrileys.com	

If you are interested in volunteering/becoming an officer for this society, please contact the past chair, William Riley.

Electromagnetic Compatibility (EMC)

Website: <http://www.dallasemc.org/>

Chair	Joe Stanfield	(972) 523-0017
	Joe.stanfield@ieee.org	
Vice Chair	Bob Queen	(972) 672-9268
	bqdude1@yahoo.com	
Vice Chair-Communications	Mike Hollingsworth	(972) 705-1366
	Mike.hollingsworth@sbcglobal.net	
Vice Chair - Education	Ron Moser	(972) 278-3133
	caronmo@verizon.net	

Electron Devices (ED)

Chair	Zeynep Celik-Butler	(817) 272-1309
	zbutler@uta.edu	

Engineering in Medicine and Biology (EMBS)

Chair:	Shekar Rao	(214) 480-1756
	shekar@ti.com	
Vice Chair:	Issa Panahi	(972) 883-2784
	issapanahi@ieee.org	
Secretary & Workshops/Conference:	Dinesh Bhatia, PhD	(972) 883-2386
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	chaneyr@utdallas.edu	
Communications Committee Chair:	Richard Fincher	(214) 616-2844
	richard.fincher@mac.com	
Corporate and Professional Relations Chair:	Dennis Goldsberry	(972) 690-1922
	d.goldsberry@ieee.org	
Academic Relations Committee Chair:	Khosrow Behbehani	(817) 272-2249
	kb@uta.edu	
Technical and Educational Outreach Chair:	Harry Tibbals	(214) 648-3316
	harry.tibbals@utsouthwestern.edu	
Membership Development Committee Chair:	Bill Diong, PhD	(817) 257-6317
	b.diong@tcu.edu	
Executive Committee Member:	Elisabeth Marley	(214) 768-1891
	emk@ieee.org	

Engineering Management (EM)

Chair:	Bob Bishop	(903) 482-5320
	r.bishop@ieee.org	

Microwave Theory and Techniques (MTT)

Dallas Section Chapter Information

Website: <http://ewh.ieee.org/r5/dallas/mtt/>

Chair: qzhang4504@yahoo.com	Qi Zhang	(972) 208-2970
Vice Chair: jim.carroll@awrcorp.com	Jim Carroll	(214) 228-3784
Program Chair: largey@ti.com	Hank Largey	(214) 205-1342
Treasurer: claudio_m_montiel@yahoo.com	Claudio Montiel	(972) 979-9908
Secretary: csanabria@tqs.com	Chris Sanabria	(972) 994-5662
Webmaster: weimin.peng@iongeo.com	Wei-men Peng	(214) 666-7610
Student Activities Chair: skarke@gmail.com	Bryan Skarke	(713) 408-8346
Membership: l-zhang@ti.com	Larry Zhang	(214) 567-3170

Photonics Society

Website: <http://enr.smu.edu/leos/>

Chair reddyu@ieee.org	Reddy N. Urimindi	(972) 523-3029
Vice Chair: chuang@lyle.smu.edu	Joy H. Chuang	(214) 768-1464
Secretary: amasabo@mail.smu.edu	Arlene Masabo	(214) 768-3405
Treasurer: ljiang@photodigm.com	Linglin Jiang	(972) 235-7584 x2229

Power and Energy (PE)

Website: <http://ewh.ieee.org/soc/pes/dallas/>

Chair: wdsako@verizon.com	William (Bill) Sako	(214) 288-5315
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