

2007 Annual Meeting "Capitalizing on Global Opportunities"

31 August - 3 September 2007

The Phoenician
6000 East Camelback Road, Scottsdale, AZ 85251
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Annual Meeting Program

*Please Note that the information on this page is being developed.
Check later for updates.
Thank You!*

Technical Workshops Program

Friday 31 August		
7:30 - 9:00 am	Registration	Room Name
8:00 am - 4:30 pm	Disaster Recovery, Vishnu Pandey, <i>Hewlett Packard</i>	Palo Verde (10)
	LabVIEW & Computer - Based Measurements / LabVIEW RealTime, Doug Kunz & Michael Bryner, <i>National Instruments</i>	Cypress (3)
	Use Cases & Requirements / Rational Unified Process, Anthony Crain, <i>IBM</i>	Pine (11)
	Technologies, Tools & Instructional Resources, John McLellan, <i>Freescale</i> ; RFID Technology Seminar, Emily Sopensky, <i>IEEE TAB</i> & Virtual Training Environment, Jim Wrubel & Greg Such, <i>Software Engineering Institute</i>	Pinon (12)
11:30 am - 1:00 pm	Keynote Luncheon - Technology Leadership Dr. Gaurang Choksi, Intel	East Foyer
A short synopsis of the presentations are listed below both programs		

Annual Meeting Program

Friday 31 August		
1:00 - 7:30 pm	Registration & Office	
5 - 7:00 pm	PACE Leadership Training & Updates on IEEE-USA, Ted Carr, <i>Region 5 PACE Coordinator</i> & Hamid Vakilzadian, <i>Region 4 PACE Coordinator</i> Estrella Theatre	
7 - 8:30 pm	Welcome Buffet Dinner & Networking East Fountain & East Lawn	
	Region 1 Breakout, TBD, <i>PACE Coordinator</i>	Eagle 15

8:30 - 10:00 pm	Region 2 Breakout, Carole Carey, <i>PACE Coordinator</i> Region 3 Breakout, Adeeb Hamzey, <i>PACE Coordinator</i> Region 4 Breakout, Hamid Vakilzadian, <i>PACE Coordinator</i> (18) Region 5 Breakout, Ted Carr, <i>PACE Coordinator</i> Region 6 Breakout, Hope Forsmann, <i>PACE Coordinator</i>	Falcon (16) Hawk (17) Hummingbird Quail (21) Roadrunner (22)
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Saturday 1 September

6:30 - 8:00 am	Buffet Breakfast East Foyer & Patio
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8:00 - 9:15 am	Welcome , John W. Meredith, <i>President, IEEE-USA</i> Keynote: Meeting the Challenges of Global Competition Howard Lieberman, <i>Chairman & CEO, Silicon Valley Innovation Institute</i> Estrella Theater
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9:15 - 10:30 am	<p><u>Rising Above the Gathering Storm</u></p> <p style="text-align: center;">A Response to Fostering Innovations: IEEE-USA Innovation Institute</p> <p>Ralph W. Wyndrum, <i>President, IEEE-USA Innovation Institute & Mauro Togneri, Member, IEEE-USA Innovation Institute Steering Committee</i></p>	<p><u>Employment & Career Services</u></p> <p style="text-align: center;">The Positive Side of Immigration - Getting the Message Out - IEEE Supports Immigration (Green Cards not Guest Workers)</p> <p style="text-align: center;">Vin O'Neill <i>IEEE-USA, Senior Legislative Representative, Career Activities & Ed Perkins, Career & Workforce Committee Chair</i></p>	<p><u>Professional Awareness Program</u></p> <p style="text-align: center;">Overview: Professional Development Seminars & Student Professional Awareness Conferences</p> <p>Adeeb Hamzey, <i>Region 3 PACE Coordinator, & Hamid Valkilzian, Region 4, PACE Coordinator, (PDS)</i></p> <p>Erin Hogbin, <i>Chair, IEEE-USA S-PAC & Kristi Hummel, Region 5 S-PAC Coordinator (S-PAC)</i></p>	<p><u>Skills Development</u></p> <p style="text-align: center;">Professional Development - Effective Communication</p> <p style="text-align: center;">Organizational Interactions Douglas Bell</p>
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Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
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10:30 - 11:00 am	Coffee Break & Exhibits East Foyer
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11am - 12:15 pm	<p><u>Rising Above the Gathering Storm</u></p> <p style="text-align: center;">From Dream to Reality - Entrepreneurship in a Global</p>	<p><u>Employment & Career Services</u></p> <p style="text-align: center;">IEEE & IEEE-USA Products & Services</p> <p style="text-align: center;">Jean Eason,</p>	<p><u>Professional Awareness Program</u></p> <p style="text-align: center;">Relationship Building Between Students & Professionals</p>	<p><u>Skills Development</u></p> <p style="text-align: center;">Professional Development - Effective Communication</p> <p style="text-align: center;">Relational Chemistry &</p>
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	<p>Economy</p> <p>Mauro Togneri, <i>Co-Chair, IEEE-USA Entrepreneur Activities Committee</i></p> <p>Intellectual Property Protection Considerations in a Global Economy</p> <p>Keith Grzelak, <i>Chair, IEEE-USA Intellectual Property Committee</i></p> <p>What Entrepreneurs Should Know About Intellectual Property</p> <p>David Ostfeld, <i>Member, IEEE-USA Intellectual Property Committee</i></p>	<p><i>Member, IEEE Career Services Committee</i></p> <p>Career Checkup</p> <p>Charles Elliott, <i>Member, IEEE-USA's Employment & Career Services Committee</i></p> <p>IEEE-USA Workshop Webinar Offering</p> <p>Carl Hussey</p>	<p>Erin Hogbin, <i>Chair, IEEE-USA SPAC</i></p>	<p>Social Architecture</p> <p>Douglas Bell</p>
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
12:15 - 2:00 pm	<p>Lunch</p> <p>Panel: IEEE Answering the Challenge of Globalization (IEEE Presidential Candidates, IEEE-USA Presidential Candidates)</p> <p>East Foyer Patio</p>			
2:00 - 3:15 pm	<p><u>Rising Above the Gathering Storm</u></p> <p>Innovation in Engineering Education</p> <p>Howard Lieberman, <i>Chairman, CEO, Silicon Valley Innovation Institute</i></p>	<p><u>Employment & Career Services</u></p> <p>Planning for Retirement - Advise for those counting the days</p> <p>George McClure <i>Director, Region 3</i></p> <p>Retirement & Financial Planning</p> <p>Larry Grogin</p>	<p><u>Professional Awareness Program</u></p> <p>Membership Promotion</p> <p>Lee Stogner <i>Member, IEEE-USA Government Activities Committee</i></p>	<p><u>Skills Development</u></p> <p>Professional Development - Leadership</p> <p>Andy Taylor <i>Director Intel Fellows Office</i></p>
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
3:15 - 3:45 pm	<p>Coffee Break & Exhibits</p> <p>East Foyer</p>			
	<u>Rising Above the Gathering Storm</u>	<u>Employment & Career Services</u>	<u>Professional Awareness Program</u>	<u>Skills Development</u>

3:45 - 4:45 pm	How to Stay Ahead of the Competition - Advanced Degrees, Certifications, Training(What is Right for You?) Jim Peterman <i>IEEE-USA National S-PAC Speaker</i>	Bridging the Skills Gap Nigel Bristow <i>President, Targeted Learning</i>	Communicating with Your Members & the Public in a Global Market Paul Kostek <i>Vice President, Career Activities</i> and Chris McManes <i>Senior Marketing Communications/PR Coordinator, IEEE-USA</i>	Professional Development - How to Run a Meeting Podcasting Fundamentals Charles Rubenstein
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
4:45 - 5:30 pm	<u>Rising Above the Gathering Storm</u> Facilitated Feedback -Ralph Wyndrum	<u>Employment & Career Services</u> Facilitated Feedback -	<u>Professional Awareness Program</u> Facilitated Feedback -Paul Kostek	<u>Skills Development</u> Facilitated Feedback - Winnfort Myles
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G

FREE EVENING TO ENJOY THE PHOENICIAN PROPERTY

Sunday 2 September

6:30 - 8:00 am	Buffet Breakfast East Foyer & Patio			
8:00 - 8:20 am	Capitalizing on Global Opportunities Lew Terman, <i>IEEE President-Elect</i> Estrella Theater			
8:20 - 9:00 am	Panel Session: Rising Above the Gathering Storm Russell J. Lefevre, <i>2008 IEEE-USA President</i> , Clifford Lau, <i>Vice President, IEEE-USA Technology Policy</i> Estrella Theater			
9:00 - 10:15 am	<u>Rising Above the Gathering Storm</u> Legislating the Future in a Gathering Storm - IEEE-USA Legislative Response to the Realities of the "Gathering Storm" Cliff Lau, <i>Vice President, IEEE-USA Technology</i>	<u>Employment & Career Services</u> Stepping Out on Your Own Gary Blank, <i>Former Chair, IEEE Alliance of Consultants Networks &</i> Bruce Johnson, <i>Successful Session</i>	<u>Professional Awareness Program</u> Overview: Professional Development Seminars & Student Professional Awareness Conferences	<u>Skills Development</u> GOLD-Program Overview & Evolution Kristi Hummel, GOLD Representative, IEEE-USA Board of Directors

	<i>Policy & Paul Kostek, Vice President, Career Activities</i>	<i>Program First Management</i>	Adeeb Hamzey, <i>Region 3 PACE Coordinator (PDS) & Hamid Valkilizian, Region 4, PACE Coordinator (S-PAC)</i> Erin Hogbin, <i>Chair, IEEE-USA S-PAC & Kristi Hummel, Region 5 S-PAC Coordinator</i>	
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
10:15 - 10:45 am	Coffee Break & Exhibits East Foyer			
10:45 am - Noon	<u>Rising Above the Gathering Storm</u> Grassroots - Making a Difference Russ Harrison <i>Senior Legislative Representative, IEEE-USA Grassroots Activities</i>	<u>Employment & Career Services</u> Credentials: Issues & Updates on Licensure & Certification Dick Schwarz, John Steadman, & Gregg Vaughn	<u>Professional Awareness Program</u> Relationship Building Between Students & Professionals Erin Hogbin, <i>Chair, IEEE-USA S-PAC</i>	<u>Skills Development</u> GOLD - Planning for Retirement George McClure, <i>Director, Region 3</i> Retirement & Financial Planning Larry Grogin,
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
Noon - 1:30 pm	Lunch East Foyer			
1:30 - 2:45 pm	<u>Rising Above the Gathering Storm</u> IEEE & Continuing Education - <i>IEEE Educational Activities Products & Services to enhance Your Viability in the Workplace</i> Beth Babeu Kelly, <i>EAB Sr. Manager Educational Programs</i> How Do Local Sections Deal with Continuing Education to Help Their Members Compete in a Global Market? Donald Dunn, <i>Member,</i>	<u>Employment & Career Services</u> New Techniques in Interviewing: Preparation & The Interview Cliff Wilcox <i>Member, IEEE-USA Employment & Career Services Committee</i>	<u>Professional Awareness Program</u> Design Squad Kristi Brooks	<u>Skills Development</u> GOLD - New Skill Set in the Globalized World Janet Rochester

	<i>Houston Section</i>			
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
2:45 - 3:15 pm	Coffee Break & Exhibits East Foyer			
3:15 - 4:30 pm	<p><u>Rising Above the Gathering Storm</u></p> <p>Ensuring the Next Generation of Engineers</p> <p>John Steadman 2005 IEEE -USA President & Dean of Engineering, University of South Alabama</p>	<p><u>Employment & Career Services</u></p> <p>Job Success & Fulfillment</p> <p>Peggy Hutcheson Member, IEEE-USA Innovation Institute Steering Committee</p>	<p><u>Professional Awareness Program</u></p> <p>Design Squad</p> <p>Kristi Brooks</p>	<p><u>Skills Development</u></p> <p>OLD - Transition to Management</p> <p>John Reinert Director, R&D and Program Management, Aeroflex</p>
	<p>The U.S. Lags Behind in STEM (what is this, need to spell out) education IEEE & IEEE-USA</p> <p>Rama Shastri Chair, IEEE-USA Precollege Education Committee</p> <p>Beth Babeu Kelly, EAB Sr, Manager, Educational Programs</p>			
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
4:30 - 5:15 pm	<p><u>Rising Above the Gathering Storm</u></p> <p>Facilitated Feedback -Russ Harrison</p>	<p><u>Employment & Career Services</u></p> <p>Facilitated Feedback -Peggy Hutcheson</p>	<p><u>Professional Awareness Program</u></p> <p>Facilitated Feedback -Winnfort Myles</p>	<p><u>Skills Development</u></p> <p>Facilitated Feedback - Rama Shastri</p>
Room	Ballroom A	Ballroom E	Ballroom F	Ballroom G
7:00 - 10:00pm	Awards Banquet & Ceremony followed by an "Afterglow Dessert & Coffee Reception" Estrella Theater -- then -- East Foyer & Patio			
Monday, 3 September				
6:30 - 8:00 am	Buffet Breakfast East Foyer & Patio			
8:00 - 9:00 am	Breakouts to formulate recommendations & action plans Region 1 Breakout, TBD, PACE Coordinator			Eagle 15

	Region 2 Breakout, Carole Carey, <i>PACE Coordinator</i> Region 3 Breakout, Adeeb Hamzey, <i>PACE Coordinator</i> Region 4 Breakout, Hamid Vakilzadian, <i>PACE Coordinator</i> (18) Region 5 Breakout, Ted Carr, <i>PACE Coordinator</i> Region 6 Breakout, Hope Forsmann, <i>PACE Coordinator</i>	Falcon (16) Hawk (17) Hummingbird Quail (21) Roadrunner (22)
9:00 - 10:00 am	Panel: What makes a Winner: Meet the IEEE-USA Award Winners Diane Collier, <i>Chair, IEEE-USA Awards & Recognition Committee</i>	
10:00 - 11:00 am	Wrap-Up & Recommendations Voting on Priorities	
	Estrella Theater	

Post Workshop Meetings

Monday 3 September		
11:30 am - 12:30 pm	Workshop Committee Post-Con	Cottonwood (2)

FRIDAY TECHNICAL WORKSHOP

<p>National Instruments - LabView Doug Kunz - Field Engineer, National Instruments Michael Bryner - Field Engineer, National Instruments</p> <p>In this seminar you will learn how to build measurement and control applications using National Instruments LabVIEW graphical programming. You will work through examples that will:</p> <ul style="list-style-type: none"> * Show you how to measure in minutes using the latest USB data acquisition devices * Teach you how to design LabVIEW control applications
<p>IBM - Software Best Practices Anthony Crain - Senior Technical Specialist, IBM</p> <p>How about one session called Modern Software Best Practices and Techniques</p> <ul style="list-style-type: none"> * Iterative Development with the Rational Unified Process * Requirements Management in an Iterative Lifecycle * Succeeding with Use Cases * Enabling Portfolio Management
<p>HP - Disaster Recovery Vishnu Pandey, Hewlett-Packard</p> <p>In today's world businesses expect to be able to access their valuable data 24/7. Ensuring that this is possible involves being able to formulate the best recovery plan for the absolute worst scenario. In this class you will learn about the technologies currently available to assist you in</p>

remaining fully functional in the event of any type of disaster. The class will start with a basic overview of Storage Area Networks (SANs) and will then go in-depth into the actual architecting of a fully-redundant solution that provides the best protection for your data.

Freescale - Technologies & Tools

John McLellan - Applications Engineering, University Program, Freescale Semiconductor

Description: The session will provide an overview of Freescale Semiconductor and their broad portfolio of technologies, innovative products, and services that are offered into education and industry. A demonstration of our latest learning environments — Student Learning Kits and accompanying lab modules— geared for educational institutions and hobbyists.

RFID Technology

Emily Sopensky - CEO, The IRIS Company

Kristin Hedger - Director Business Development & Govt Affairs, Killdeer Mountain Manufacturing

Gene Fedors - Vice President, Education Programs, RFID Technical Institute

Learn about RFID technology and applications for modern projects.

SEI Web-based training

Jim Wrubel - VTE Team Lead, Software Engineering Institute

In 2004 the Software Engineering Institute faced a challenge - How to ensure that 500 U.S. Army Reservists could take a 10 day technical course on computer security while balancing their part-time status and global distribution. We developed the Virtual Training environment to meet the requirement and it is now used by nearly 100,000 users annually. Using a combination of video recording of classroom instruction, narrated demonstrations of techniques, and hands on training labs all deployable on demand through a standard Web browser, VTE brings high-fidelity classroom training to students regardless of time and place. This presentation will describe the key technologies used in VTE, demonstrate the application, and offer lessons learned.