

IEEE Technical Activities, IEEE Region 8

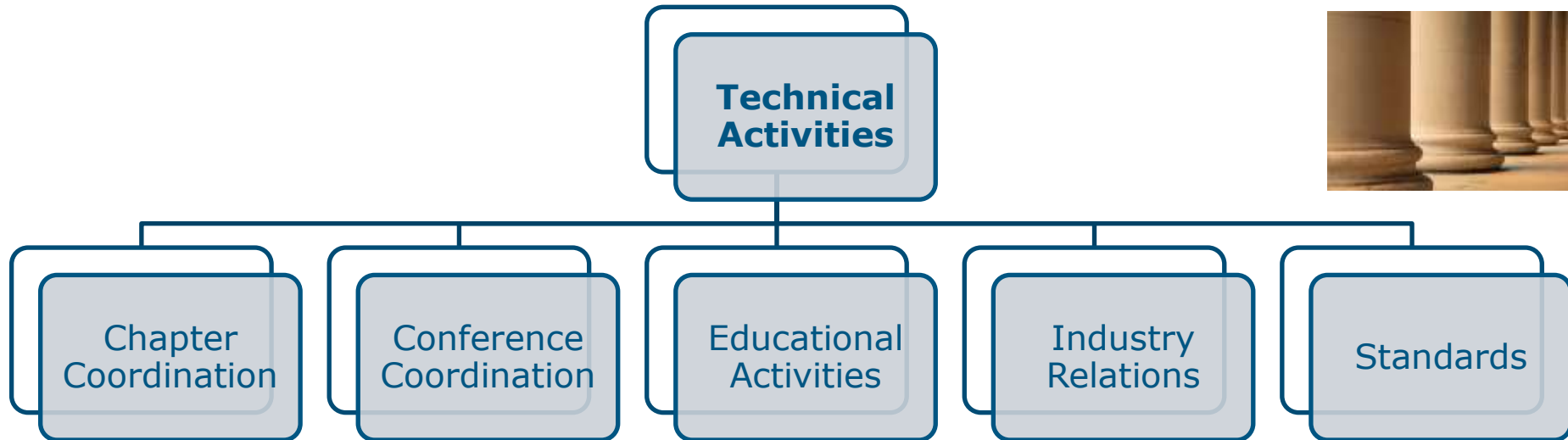


Carl James Debono

Vice-Chair: Technical Activities, IEEE Region 8

✉ c.debono@ieee.org

2013 Standing (sub-)committees



Elya Joffee
(Israel)



Jan Haase
(Austria)



Niovi Pavlidou
(Greece)



Andreas Neumeier
(Germany)



David Law
(UKRI)

Chapter Coordination Subcommittee (ChCSC)



Chair: Elya Yoffe (Israel)
eb.joffe@ieee.org

Who are We?

- **Elya B. Joffe (Israel Section)**
 - **Chair**
- **Simay Akar (Turkey Section)**
 - **Student Branch Chapter Coordinator and...**
- **Society/Council R8 Chapter Coordinators**



Highlights from the Past

■ **New Chapters**

- 20 new chapters since January 2013
 - 9 Student Branch Chapters
 - 11 Regular Chapters
- 2 more chapters in process
 - 1 Student Branch Chapter
 - 1 Regular Chapter

Highlights from the Past

- **Student Branch Chapter Meetings**
 - **IEEE Turkey Student Branch Congress 2013, February 2013, Izmir, Turkey**
 - ChCSC represented by Simay Akar
 - Session on R8 and Chapter Activities by
 - Simay Akar
 - SAC member David Dias
 - EASC member Rui Costa
 - Student Chapters Workshops to discuss benefits of Student



Highlights from the Past

- **Student Branch Chapter Meetings**
 - **IEEE ISBC 2013 Iberian Student Branch Congress 2013, March 2013, Porto, Portugal**
 - ChCSC represented by Simay Akar



Highlights from the Past

■ Chapter of the Year Award

- 6 qualified nominations received; only 5 were completed
- A best chapter was selected
- Only one award will be presented
 - no small/medium and large chapter distinction
 - very large gap between the winner and all others
- Announcement will be made in the R8 Committee meeting



Highlights from the Past

■ Facebook Outreach

- IEEE Region 8 Chapters Facebook Page created by Simay
- Page very active, especially during “Chapter of the Year” contest
- More postings planned for the future



Current Activities

■ Chapter Coordination Committee Meeting

- Face-to-face meeting on April 19, in conjunction with R8 Committee meeting
- 23 S/C Chapter Coordinators confirmed participation
- Rich program of meeting
- Best practices presented by S/C representatives
- Presentations will be on R8 Chapters web page

IEEE **region 8** **IEEE**

Invitation to the IEEE Region 8 Chapter Coordination Meeting

19 April, 2013, 8:00 AM – 12:00 PM
Madrid, Spain

2013 Region 8 Chapter Coordination Meeting

Dear Society/Council Region 8 Chapter President and Coordinators/Liaison,
The IEEE Region 8 Chapter Coordination Committee is pleased to invite you to attend the Region 8 Chapter Coordination Committee Meeting taking place in Madrid, Spain.
The Meeting will be held in conjunction with the Region 8 Committee Meeting, <http://www.ieee.org/conferences/2013/and-madrid/> held from Friday, April 19, to Sunday, April 21, 2013. All attendees are welcome to attend the Committee Meeting.

Region 8 Chapter Coordination Committee Chair
Elyse B. Joffe
elyse.joffe@ieee.org

Region 8 Student Branch Chapter Coordinator
Srinay Akar
srinay.akar@ieee.org

Objectives:
The main objective of the meeting is to hold face-to-face networking with the Society/Council Liaisons, in order to strengthen the ties between them and Region 8, to enhance cooperation and coordination, exchange of information and discuss issues of common interest or concern. More active Societies/Councils are invited to share their best practices and exchange with all Society/Council representatives their experiences, knowledge as well as methods about developing a chapter and organizing events. From the Regional point of view the Meeting is a forum to discuss recent problems and plans between Societies/Councils and Regional officers.
The meeting will include a welcome address by Regional Director and Regional Officers followed by presentations by Region 8 Society/Council Chapter Liaisons on best practices in their chapters. Thereafter, information shall be provided by the Region Chapter Coordination Committee to the Attendees, followed by discussion and feedback.

Agenda

8:00	Welcome address by Martin Bestlaars, Region 8 Director	All presentations will be made available for after the meeting
8:15	Presentation by Carl J. Deason, Region 8 Vice Chair, Technical Activities	
8:30	Best practice from Societies/Councils	
	• Mirella Ribic, Instrumentation & Measurements Society	
	• Jan Machac, Microwave Theory and Techniques Society	
	• Tobias Kach, Information Theory Society	
	• Bob Davis/Elyse Joffe, Electromagnetic Compatibility Society	
	• Pablo Anguera, Broadcast Technology Society	
	• Miguel Angel, Intelligent Transportation Systems Society	
	• Alessandra Guis, Computer Society	
9:30	Tools for chapter chairs (George Michalek)	
9:35	Coffee break	
10:00	Coordination of Global, Regional and Local events	
10:20	How to communicate with chapters?	
10:30	Duties of chapters	
10:40	Education Activities at the Chapter & Beyond (Nicol Pavidesu, EASC Chair)	
10:50	Membership development at the Chapter Level	
11:00	Identify and rejuvenate inactive chapters	
11:10	Engaging Student and GOLD members	
11:30	Regional calendar of important events	
11:45	How to evaluate our actions	
12:00	Adjourn	

Please note: All the expenses made for the attendance of the Society or Council Representatives (Travel and accommodation) shall be covered by the Society or Council.
Please prepare a short presentation (2-3 PowerPoint slides) of your Society/Council top 5 Chapter best practices. You will be given time to share your practices with the attendees.

We look forward to welcoming you in Madrid.

Best wishes,
Elyse B. Joffe and Srinay Akar

Work Your Chapter



Planned Activities

■ Chapters e-mail Newsletter

- Management by Simay
- Information and procedural reminders to chapters (time for elections, L-3 forms, etc.)

■ Society/Division Chapter Coordination Meetings

- Engage S/C Regional Chapter Coordinators to coordinate with ChCSC Chapter training sessions in conjunction with major conferences
- R8 ChCSC could provide speakers/material upon request

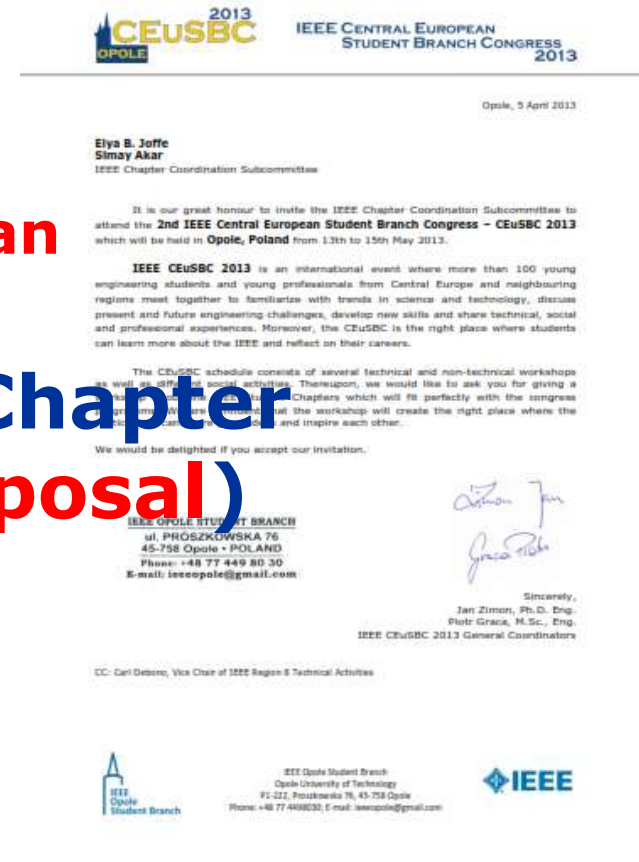
Planned Activities

■ Best Student Chapter of the Year Award (**Proposal**)

- Develop the award for 2014?
- **R8 SAC does not have such an award and support the idea**

■ Future Student Branch Chapter Congress Meetings (**Proposal**)

- Multiple invitations received in 2013, and few accepted
- Attend if possible (& funding available) – minimum 2 / year
- Students need to “know” R8 and we need to interact with the future of IEEE and the Region



Planned Activities

- **Section SB Chapter Ambassadors Ad-Hoc Team (Proposal)**
 - Form an ad-hoc team of “student ambassadors” from each Region 8 Section
 - To encourage, inspire and motivate forming SB chapter and activities
 - Students will feel responsible to SB Chapter activities in their Sections
 - Section-based activities more efficient for students
 - Mostly unaware of societies
 - An opportunity within the Section to expose them to S/Cs

Best practices

■ **BP presentations/discussions**

- In Chapter Coordination meeting in Madrid
- Presentations to be uploaded to the web – to be available for all Chapters
- Consider collating and creating a “Best Practices Manual

■ **Best Practice Webinars**

- Consider holding in near future
- Topics of interest to Chapters

Points of Concern / Topics for Future Discussion

- **Low response from S/C Presidents**
 - Will raise the point with TAB
- **Low response to Chapter of the Year Award Call for Nominations**
 - May need to simplify the data requirements
 - May need to improve data entry process
- **Funding**
 - Visibility/presence/activities requires funding
 - Can do much more during regional conferences
 - Need to plan for future years if possible

Conference Coordination Subcommittee (CoCSC)



Chair: Jan Haase (Austria)
janhaase@ieee.org

CoCSC Subcommittee Members (2013)

- Jan Haase, Austria
 - janhaase@ieee.org



- Dirk Van Hertem, Belgium
 - dirk.vanhertem@ieee.org



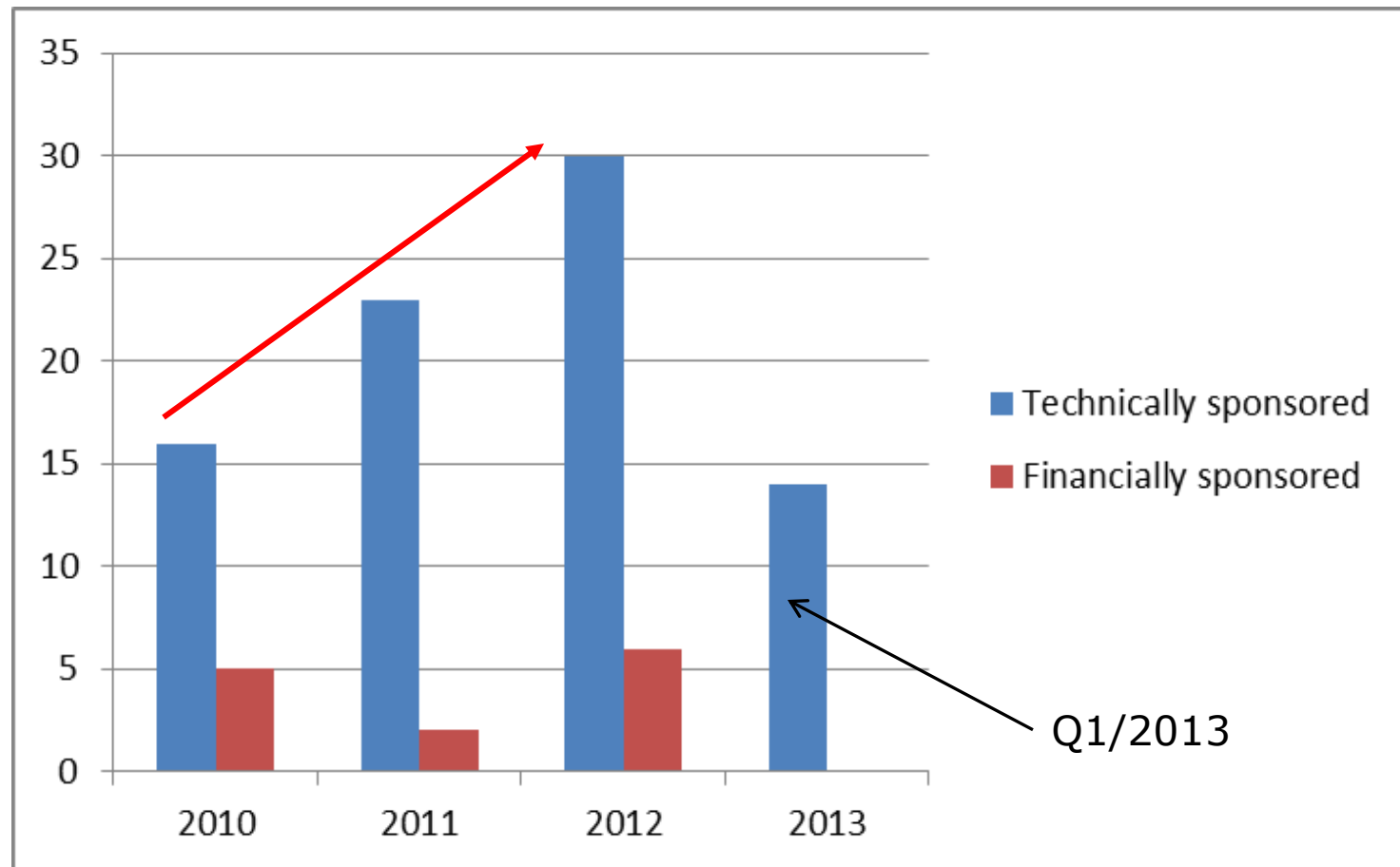
- Stefano Zanero, Italy
 - s.zanero@computer.org

R8 Conference Activities

Future IEEE R8 Flagship Conferences

Conference	Organized by	Location	Date
EUROCON 2013	Croatia Section	Zagreb, Croatia	July 2-5, 2013
AFRICON 2013	Mauritius sub-Section and South Africa Section	Mauritius	September 9-12, 2013
MELECON 2014	Lebanon Section	Beirut, Lebanon	April 2014
ENERGYCON 2014	Croatia Section	Dubrovnik, Croatia	May 13-17, 2014
HISTELCON 2015	Israel Section	Tel Aviv	TBA

R8 co-sponsored conferences



Technical Co-Sponsoring fee

Requirements and standard Application Forms are available. Non-IEEE conferences are charged a general **administrative fee of US \$ 500.00** for R8 Technical Co-Sponsorship.

ICX vs. Paper MoUs

IEEE requires conference organizers to submit their applications (MoUs) online only. ICX: IEEE Conference Exchange

Link:

http://www.ieee.org/conferences_events/conferences/organizers/conf_app.html

Papers automatically in Xplore?

- **Do not claim or guarantee that any papers will be published in IEEE Xplore.** IEEE can decline to publish the conference proceedings that do not meet IEEE's quality standards.
- **Do not claim or guarantee that any papers will be indexed in any database.** Indexing services evaluate conferences and independently determine what they will index.
- Each conference determines their policy for papers that are accepted, but which are not presented at the conference. **If you decide that non-presented papers will not be published to IEEE Xplore, then you must clearly communicate this to authors prior to the conference.**

R8 Conference Organizer's Handbook

NEW!

IEEE R8 CoCSC prepared a handbook for conference organizers, explaining

- Types of sponsorship
- Benefits
- IEEE Xplore publishing policy
- Requirements and fees
- Guidelines for conference organization

Downloadable at R8 CoCSC homepage

Accepting bids for:

- EUROCON 2015
- AFRICON 2015
- MELECON 2016
- ENERGYCON 2016

Educational Activities Subcommittee (EASC)



Chair: Niovi Pavlidou (Greece)
niovi@auth.gr

The team

- Pre-University Activities
 - Sohaib Qamar Sheikh (UKRI)
 - Muhammad Mustafa
 - Joyce Mwangama
 - Riadh Besbes
- University Activities
 - Rui Costa (Portugal)
- Continuing Education Activities
 - Niovi Pavlidou (Greece)
 - George Papadopoulos



Activities aligned to EAB

- University Activities
 - Technical English Program (TEP)
 - Accreditation Activities
- Pre-University Activities
 - Teacher In-Service Program (TISP)
 - TryEngineering.org
 - Find an accredited engineering degree program
 - Lesson plans
 - Career preparation
 - IEEE Spark
 - TryComputing.org
 - Outreach programs
 - Engineering Projects in Community Service (EPICS)
 - Presidents' Scholarship
 - TryNano.org
 - E-Scientia

Activities aligned to EAB

- Continuing Education Activities
 - IEEE eLearning Library
 - IEEE Continuing Education Providers Program (CEP)
 - Continuing education units (CEUs)
 - Standards in education
 - IEEE online professional development
- EAB Awards

Activities Done: Pre-University

- EPICS-in-IEEE awareness **presentation** at the IEEE UK&RI Student Branch Chair Meeting, London, United Kingdom, March 1, 2013
- TISP Hands-on Workshop and EPICS-in-IEEE awareness **presentation** during The IEEE Jordan Section Students Meeting, Amman, March 9, 2013
- TISP Hands-on Workshop and EPICS-in-IEEE awareness **presentation** during The IEEE Iberian Student Branch Congress, Porto, March 15, 2013

Activities Done: Pre-University

- TISP Hands-on Workshop and EPICS-in-IEEE **presentation** at the IEEE Turkish Chairperson's Meeting 2013, Izmir, Turkey, February 4-9, 2013
- TISP Hands-on Workshop and EPICS-in-IEEE awareness **presentation** at Hellenic SBC 2012, December 14-16, 2012, Patras, Greece
- R8 PUW **Webinar**: IEEE Special Interest Group on Humanitarian Technology (SIGHT) – Slides and recording, November 15, 2012

Activities Done: Pre-University

- First National **Conference** on Practical Activities in Distance Learning (CNeTP 2012), November 2, 2012, Tunisia
- Supported EPICS-in-IEEE Global **Virtual Conference**, October 27, 2012
- **Webinar**: Engineering Analysis of Effective Educational Assessment Techniques, Riadh Besbes, March 26, 2013

Activities Done: University

- X Academic **presentation** at IEEE Turkish Chairpersons Meeting 2013, Izmir, Turkey, February 4-9, 2013
- X Academic **presentation** at Drexel University, Philadelphia USA, February 28, 2013
- X Academic **video-conference presentation** at Xplore IEEE at ENED University of Engineering and Technology, Carachi, Pakistan, March 8, 2013
- X Academic **presentation** during The IEEE Iberian Student Branch Congress, Porto, March 15, 2013

Activities Done: CE

- **Webinar:** Risk Assessment & Risk Management, Ali Hessami
February 28, 2013
- **Webinar:** How to Fail EMC in Ten Easy Lessons, Elya Joffe
December 12, 2012
- IEEE R8 **Questionnaire** on Continuing Education (CE) / Continuing Professional Development (CPD) – for the Ad Hoc Committee on Africa Activities (AHCAA),
November-December 2012

Activities – EASC

- Re-organization of the **website**, now hosted on IEEE R8 portal
<http://www.ieeer8.org/category/technical-activities/educational-activities/continuing-education-works/>



2013 EASC Planning: Pre-University

- **TISP** (about 5 events)
- **EPICS** (follow up on 9 project applications, 3 awareness seminars)
- **Outreach** activities (about 5 events)
- **Webinar** Series (4 webinars shall be organized this year with the first one in March).
- Document **repository** for TISP and EPICS

2013 EASC Planning: University

- A series of **presentations** on IEEE-X Academic project to sections and student branches.
- Coordination of the project in its several frontends: **guiding** student branches
- Technical University Activities News **Portal**
- Coordination with R8 SAC to create **Student Papers/Articles**

2013 EASC Planning: CE

- A **workshop** on Educational Activities in South-East Europe is being scheduled focused on Continuing Education Providers Program (CEP) or Technical English Program (TEP)
- **Webinar** on: Parallel Programming, late April, 2013
- **Webinar** on: Industrial Automation Systems, May 9, 2013
- Two more **webinars** in 3rd quarter of 2013

2013 EASC Planning

- Collaboration with: Professional Activities Committee, WIE
- Better alignment with the activities of EAB
- Push idle Sections and Chapters to select educational officers. Webinars for the officers

Industry Relations Subcommittee (IRSC)



Chair: Andreas Neumeier (Germany)
andreas.neumeier@ieee.org

Industry Relations Subcommittee

■ Members

– Andreas Neumeier (Germany Section)

- Background:
Computer Science & MBA
Working in Cloud Computing and Information Security

– Steve Nightingale (UK&RI Section)

- Background:
Electronic Engineering
Working on Communication and Sensor Systems

–tba

Industry Relations

- Establish active cooperation between
 - Sectional Industry Relations Officers
 - Local relationship
 - IEEE Headquarters
 - Global relationship
 - The subcommittee
 - Communicate with everybody

Industry Relations

- Cooperation with

Academia

- Identify research trends
- Access to talent
- Enable GOLD to get in touch with Industry

Industry Relations

- Cooperation with

Different Industry Verticals

- Enable cross disciplinary exchange
- Foster ideas ‘outside the box’
- General networking

Industry Relations

- Cooperation with

Industry

- Cooperation in Marketing
- Sponsor or Market Industry Events, allow IEEE members to have contact with Industry
- Other way round: help Industry participate in IEEE events, allow Industry to make contact easily with IEEE

Industry Relations

- Cooperation with

Industry Organisation

- Partnerships and Cooperation to reach broader audience
- Identify best practices in other organisations
- e.g. VDE, VDE-IT, Cigre, BSI, BitCom, IET (was IEE), etc.

Industry Relations

- Cooperation with

Venture Capital

- Foster commercial success
- Identify trends

Industry Relations

- Support for

Industry Relations Officers

- Gather their feedback
- IRO Manual
- Support their work
- Help maintain existing relationship across sections

Awards

- Industry Relation Award
- To recognize contributions of individuals or organizations to IEEE's industry relations
 - Build long lasting relationships
 - Encourage participation in IEEE events
 - Media coverage
 - Increase industry membership

GOLD & Student Branches

- Event participation
- Event Organization
- Sponsorship

Standards Coordinator



Coordinator: David Law (UKRI)
David_law@ieee.org

Activities in Region 8

- ❑ 10-11 April 2013 – Presentation to Eurelectric Standardization Working Group and outreaches in Vienna
- ❑ 12-14 June 2013 - IEEE-SA Standards Board meeting in Brussels
 - ❑ Operational governance board's quarterly business meetings
 - ❑ In conjunction, planning some external meetings and events
- ❑ 1-4 July 2013 - Panel session on Smart Grid standards activities at EuroCon 2013
- ❑ And, our very first conference...

IEEE-SIIT2013

THE 8TH INTERNATIONAL
CONFERENCE ON
**STANDARDIZATION AND
INNOVATION IN
INFORMATION TECHNOLOGY**

- SIIT is now an official IEEE conference
 - IEEE has been a technical co-sponsor several times.
- SIIT 2013 will have five program categories:
 - Policy and regulations
 - Standards case studies
 - ICT standards
 - Innovation & standardization research and methodologies
 - Standards education
- SIIT plans to evolve its content and scope as we uncover key research concerns of interest to the standards stakeholder communities.
- SIIT 2013 to be hosted by ETSI in Sophia-Antipolis, France, 9/24-26.
- Attendees from academia, government and corporate world; geographically diverse.
- Industry participation and sponsorship: Microsoft, Oracle, IBM, Adobe, RIM.
- Publication of SIIT papers on IEEE Xplore platform.

European Multi-Stakeholder Platform on ICT Standardization (MSP)

- IEEE-SA actively represents IEEE in the MSP and some of its task forces

The MSP has the following tasks*:

- “advise the Commission on all matters related to European ICT standardization policy and its effective implementation”
- “advise the Commission on its ICT standardization work program and its priorities”
- “identify potential future ICT standardization needs in support of European legislation, policies and public procurement”
- “gather information on the work programs of ICT standards development organizations to help ensure coordination and avoid unnecessary duplication or fragmentation of efforts”

*Select tasks excerpted from the COMMISSION DECISION of 28 November 2011, which established the MSP

European Multi-Stakeholder Platform on ICT Standardization (MSP)

- ❑ In the last few years, the EU conducted a reform of the standardization system and created an advisory body, the MSP, to assist the Commission with implementing some of the ICT standardization related items
- ❑ Consists of EU Member States, European Standards Organizations, societal stakeholders, industry groups, and SDOs
- ❑ The MSP advises the Commission on:
 - ❑ ICT standardization policy & potential future needs
 - ❑ ICT standardization work programs
 - ❑ Identifying ICT technical specifications for referencing in policy and procurement
 - ❑ Requirements to qualify for such recognition are outlined in the document
 - ❑ Cooperation between SDOs and European organizations, to ensure that ICT standards supporting interoperability are available
- ❑ IEEE-SA actively represents IEEE in the MSP and some of its task forces

Market-Driven Standards

1. Cooperation

2. Adherence to Principles

- Due process
- Broad consensus
- Transparency
- Balance
- Openness

3. Collective Empowerment

4. Availability

5. Voluntary Adoption

open  stand



www.open-stand.org



Second Time Machine forecasts technology beyond the year 2020

THE second IEEE Technology Time Machine (TTM) symposium was held from 23-25 May 2012 in Dresden, Germany. Speakers from industry, politics and research, forecast the future of technologies beyond the year 2020. More than



250 attended from 30 countries. The interest in technologies that are yet to come was extraordinary: executives need to form policies and individuals make decisions for a world that can be maintained in good condition.

The IEEE Future Directions Committee, formed in 2009, reflects IEEE's interest in future technologies. The TTM is dedicated to emerging technologies and to new applications of current technologies. It is interdisciplinary with initiatives ranging from cloud computing to transportation electrification, involving many IEEE societies and regions.

With Saxony sitting at the heart of Germany's semiconductor industry,

For more bits & bytes, visit the IEEE TTM website at www.ieee.org/ttm. For more information, contact the IEEE TTM Chair, Dr. Michael Dierker, michael.dierker@ieee.org.

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EPICS leader recognised for GOLD achievement

ON 9 May, David Oyedokun (IEEE Region 8, South Africa Section) was awarded the IEEE Gold Achievement Award. For his pivotal leadership towards successful IEEE EPICS High Projects, his strong member engagement, and empowering the community.

As a student of the University of Cape Town, he was presented with his award at an Engineering faculty event.

David has been providing leadership to a group of IEEE student members at the university. These students successfully installed a 300-litre solar geyser system at the Emerald Heights Children's home and orphanage in a local township. The project also saw the installation of an array of 24kW solar panels on the roof, which together with the solar geyser, will save the home around R600 (approx. \$110) every month in electricity. The project

was supported by industry and fostered a partnership with the Crossing Borders group. From the University of Stuttgart in Germany, the total project value at (in terms of funding from IEEE, sponsorships from companies and partners) is R 35 000 (\$42,000).

Ongoing activities involve organising with some local high schools involving participants in interactive educational sessions, including a visit to SolarDirect Technologies, who they built a kibbutz array of solar panels. Although not part of the student-led initiative, a presentation on solar energy.

The project was highly praised by Francis Peterson, Dean of the Engineering Faculty at the University of Cape Town, and IEEE Past President (2011) Moshe Kam.

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IEEE Region 8 News to publish Jubilee book to mark 50 years

We plan to celebrate the 50th anniversary of the IEEE Region 8 (Europe, Middle East and Africa) with a special Jubilee issue in March 2013.

Our intention is to try to highlight the 50 years of growth from beginnings of several Sections to their current size and development. We will also try to capture the profiles of some of our members, with their contribution to the world and achievement over these years.

To set the tempo, take a look

how IEEE Region 8 News covered the 25th Anniversary. Its fascinating to read how people viewed the technical world then compared to the present day.

Please write to us to tell your stories, memories, achievements during the past. We'll select the most interesting and include them in a future issue. Any material about our profession, your Section, Society or individual member's development will be most welcome.



Message from the R8 Director

It has been a pleasure and great honour to be asked to serve as IEEE Region 8 Director in 2011 and 2012.

As you know, our region is geographically the largest and culturally the most diverse of all IEEE regions. The Committee that organises activities includes all Section representatives, an operations committee, appointed members

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