

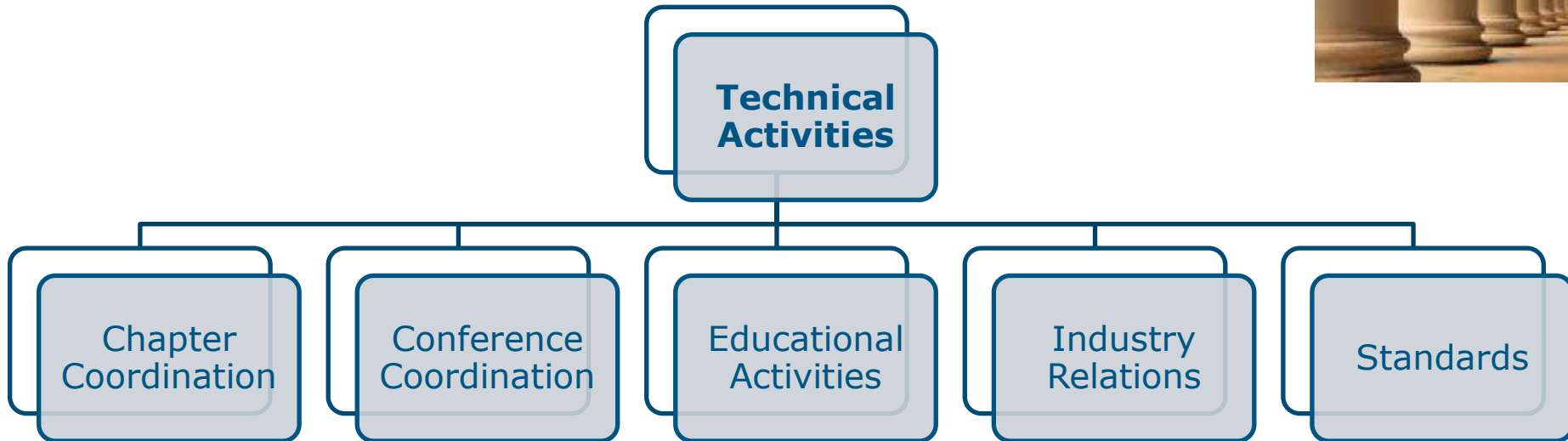
IEEE Technical Activities, IEEE Region 8

Saurabh Sinha

Vice-Chair: Technical Activities, IEEE Region 8

✉ ssinha@ieee.org

Standing (sub-)committees



Daniel Pasquet
(France)



Carl Debono
(Malta)



Bakr Hassan
(Saudi Arabia)



Ghaleb Dandan
(Saudi Arabia)



David Law
(UKRI)

IEEE BoD Approved Five Priorities - 2011

R8 Technical Activities



At the 20-21 February IEEE Meeting Series (Miami, FL), the IEEE Board of Directors approved five priorities for 2011:

- Ensure sustainable progress toward establishing IEEE's leadership in **important new technical areas** (including the Smart Grid and selected areas within Life Sciences)
- Develop and approve a plan to ensure that IEEE is at **the forefront of digital publishing technology**
- Develop and approve an **IEEE Conference strategy** – including protection of the quality of IEEE publications
- Develop **collaborative strategic alliances** with other associations and publishers (including exploration of new joint membership agreements and incorporation of new publications in Xplore®)
- Ensure all members are engaged and find a professional home in IEEE; create a global strategic member development plan, particularly emphasizing practicing engineers/technologists and young professionals, especially where IEEE membership is declining

Chapter Coordination Subcommittee (ChCSC)



Bonjour!

Daniel Pasquet (France)
d.pasquet@ieee.org

ChCSC Committee Members

Composed of Society and Council representatives

- 38 societies and 7 councils

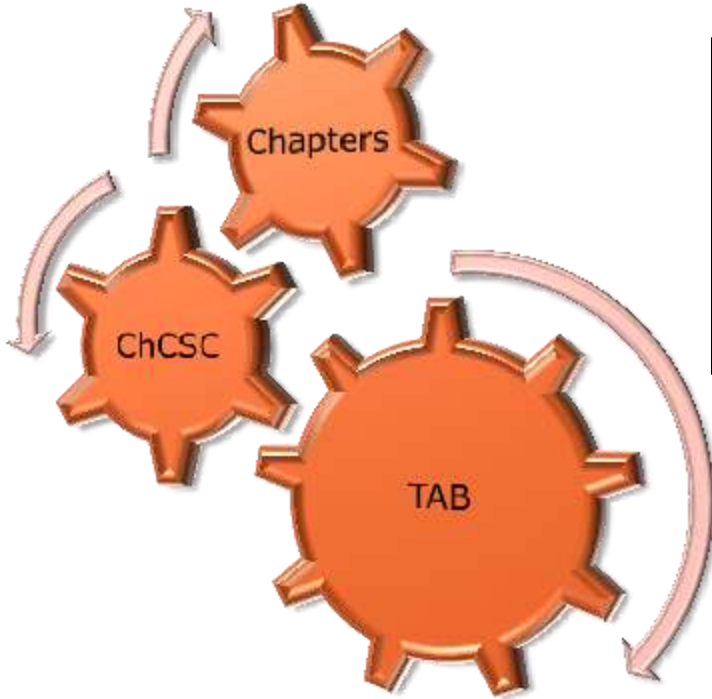


**IEEE
Technical
Activities
Board**

21 members

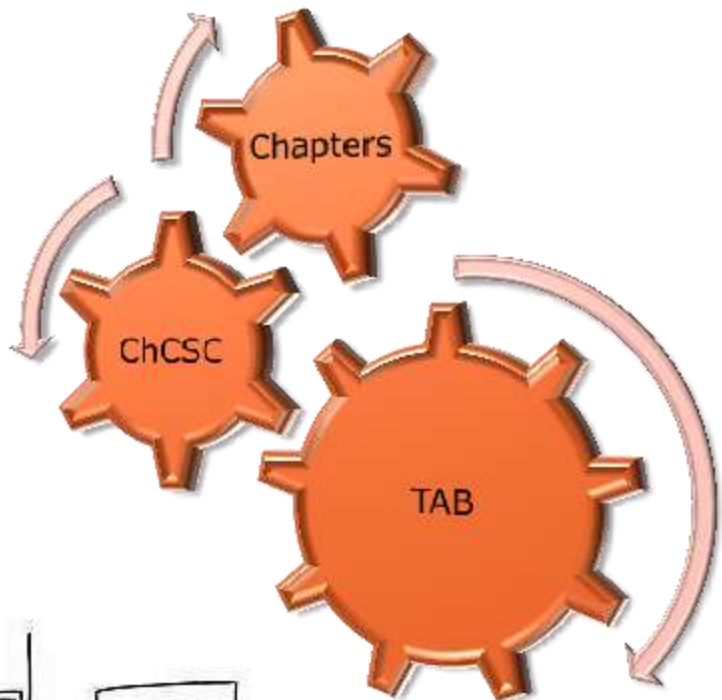


Corresponding members



Divide and Conquer

21 members
Corresponding members



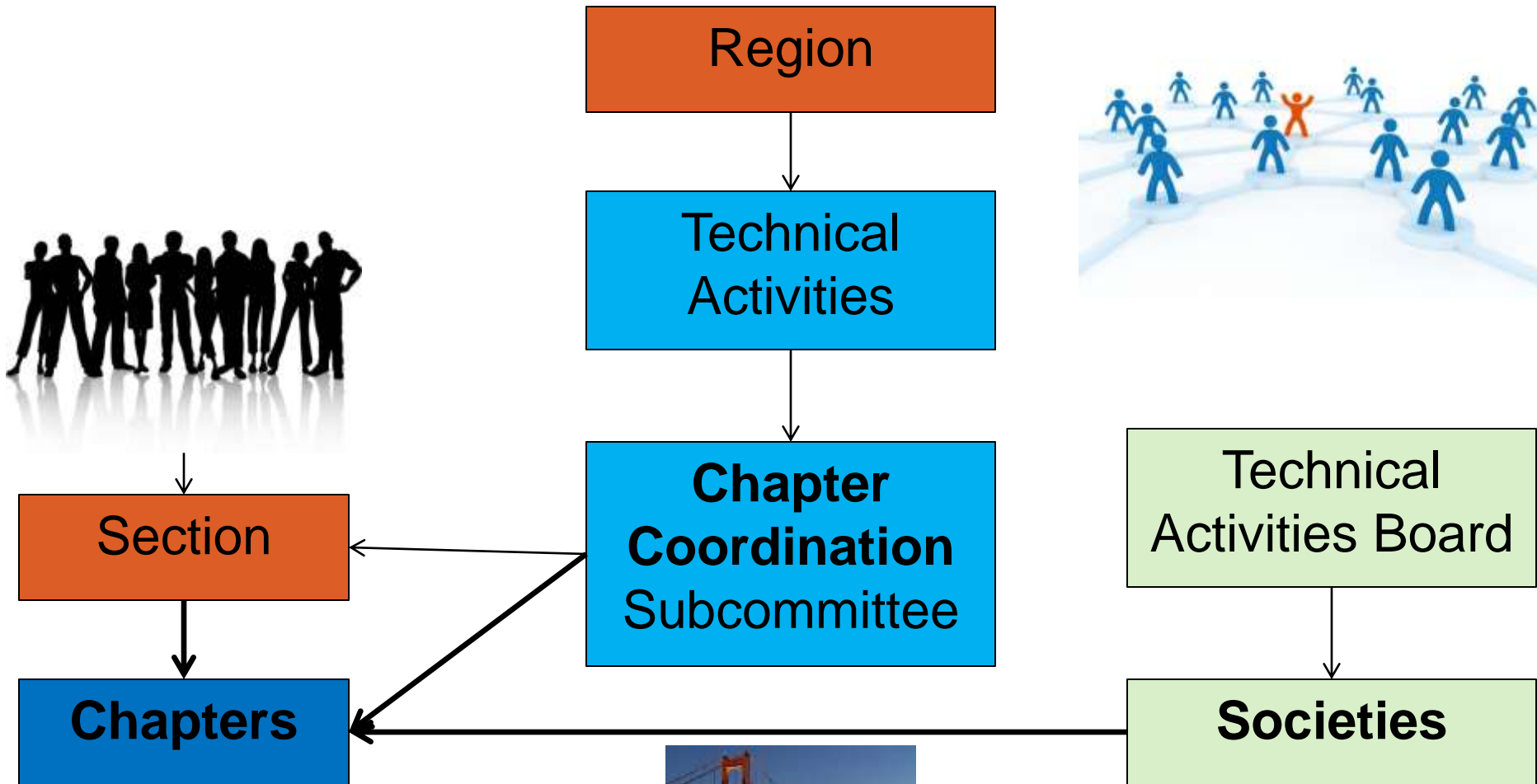
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MIKE SHADRO

"WE ALREADY HAVE QUITE A FEW PEOPLE WHO KNOW HOW TO DIVIDE. SO ESSENTIALLY, WE'RE NOW LOOKING FOR PEOPLE WHO KNOW HOW TO CONQUER."

The Ideal Situation



The One Reality



Another Reality?



Example?

| | | | |
|-----------------|---|------------|-----|
| Austria Section | IEEE Computer Society Membership | MEMC016 | 332 |
| Austria Section | IEEE Communications Society Membership | MEMCOM019 | 213 |
| Austria Section | IEEE Signal Processing Society Membership | MEMSP001 | 107 |
| Austria Section | IEEE Solid-State Circuits Society Membership | MEMSSC037 | 78 |
| Austria Section | IEEE Circuits and Systems Society Membership | MEMCAS004 | 75 |
| Austria Section | IEEE Power & Energy Society Membership | MEMPE031 | 49 |
| Austria Section | IEEE Microwave Theory and Techniques Society Membership | MEMMTT017 | 48 |
| Austria Section | IEEE Electron Devices Society Membership | MEMED015 | 45 |
| Austria Section | IEEE Industrial Electronics Society Membership | MEMIE013 | 45 |
| Austria Section | IEEE Instrumentation and Measurement Society Membership | MEMIM009 | 38 |
| Austria Section | IEEE Robotics and Automation Society Membership | MEMRA024 | 37 |
| Austria Section | IEEE Control Systems Society Membership | MEMCS023 | 36 |
| Austria Section | IEEE Power Electronics Society Membership | MEMPEL035 | 34 |
| Austria Section | IEEE Vehicular Technology Society Membership | MEMVT006 | 34 |
| Austria Section | IEEE Engineering in Medicine and Biology Society Membership | MEMEMB018 | 33 |
| Austria Section | IEEE Computational Intelligence Society Membership | MEMCIS011 | 29 |
| Austria Section | IEEE Systems, Man, and Cybernetics Society Membership | MEMSMC028 | 27 |
| Austria Section | IEEE Antennas and Propagation Society Membership | MEMAP003 | 25 |
| Austria Section | IEEE Education Society Membership | MEME025 | 24 |
| Austria Section | IEEE Industry Applications Society Membership | MEMIA034 | 23 |
| Austria Section | IEEE Dielectrics and Electrical Insulation Society Membership | MEMDEI032 | 20 |
| Austria Section | IEEE Electromagnetic Compatibility Society Membership | MEMEMC027 | 19 |
| Austria Section | IEEE Women in Engineering (Requires IEEE Membership) | MEMWIE050 | 19 |
| Austria Section | IEEE Intelligent Transportation Systems Society Membership | MEMITSS038 | 18 |

opportunityisnowhere

What some of our members see:

Opportunity is no where

What **we should** see:

Opportunity is now here

**Chapter
Coordination
Subcommittee**



Society Rep.



Section



Engaging YOU, via the Chapter Coordination Subcommittee (ChCSC)

- * To partner with YOU, the Section leader, and our Society Representative towards identifying potential chapters in your Section/Sub-Section
- * To try and form such a chapter & bring forward resources (where applicable) from respective societies
- * To work with our R8 SAC towards seeking out opportunities for Region 8 student chapters
- * To provide training for chapter chairs (webinars)



Technical Chapter Chair Quick Start Training

♦ **IEEE Center for Leadership Excellence**

[CLE Training Home](#)

Welcome to the Chapter Chair Quick Start Training. This training assumes you have been recently elected to the position of Chair of a Technical Society Chapter and want to quickly learn the basics of your position.

As Chapter Chair, you have the best job in the world as you have a dual responsibility to the Technical Society to which you belong and also to the local Section where you reside. In this way, your role has many interesting aspects which you can utilize to provide your Chapter members with rich and varied programs.

On this Page:

- › [1. Know your Section/Chapter](#)
- › [2. Getting Organized](#)
- › [3. Chapter Planning for Meetings](#)
- › [4. Publicizing Chapter Activities](#)
- › [5. Holding the First Meeting](#)
- › [6. Filing a Meeting Report](#)
- › [7. Concluding Thoughts](#)

ChCSC report captures...

- 20 New Chapters
 - Sections to support New Chapters
- 2 Chapters split
- 1 Chapter expansion
- Pending decisions:
 - Approx. 4 petitions



Best Chapter/Society Awards



1. Remember the **Region 8 chapter award**:

<http://ieeefluidsurveys.com/surveys/R8/region-8-chapter-award-live/>

(with thanks to Giorgos Michael)

2. Remember **several societies** have their own awards.

3. Remember what **Charles Turner** told you?!



Action Item: ChCSC promotes...

1. Squaring the Society-Chapter-Section Triangle: Meeting Member Technical Needs

Speakers: Elya Joffe, Peter Magyar, Murlin Marks, Meliha Selak, and Jan Van der Spiegel

Where/When: Saturday - Salon 4, 13h00-14h15 (Breakout Session 1)

Where/When: Sunday - Salon 12, 08h00-09h15 (Breakout Session 3)

2. vTools: Free Electronic Tools in Support of Section, Chapter, and Affinity Group Volunteers and Members

Speaker: Gene Ressler

When/Where: Saturday - Salon 13, 14h45-16h00 (Breakout Session 2)

When/Where: Sunday - Salons 10-11, 08h00-09h15 (Breakout Session 3)

3. The IEEE Distinguished Lecturer Program: How It Can Benefit Your Section Members

Speakers: Metin Akay, Bernhard Boser, Pablo Estevez, Steve Gold, Bill Gruver, Sheila Hemami, Kazuhiro Kosuge, David Larbalestier, and SV Sankaran

When/Where: Salons 5-6, 10h45-12h00 (Breakout Session 4)

Conference Coordination Subcommittee (CoCSC)



**Il-ġurnata
t-tajba**

Carl Debono (Malta)
c.debono@ieee.org

CoCSC Subcommittee Members



- Carl Debono, Malta
 - c.debono@ieee.org



- Karl Gudmundsson, Iceland
 - karl@brunnur.is



- Gerhard Hancke, South Africa
(*Corresponding member*)
 - g.hancke@ieee.org

R8 Conference Activities

– Present and Future IEEE R8 Conferences

| Conference | Organized by | Location | Date |
|--------------------------------|---|---------------------|-------------------|
| EUROCON 2011 | Portugal Section | Lisbon, Portugal | Apr. 27-29, 2011 |
| AFRICON 2011 | Zambia Section | Livingstone, Zambia | Sept. 13-15, 2011 |
| MELECON 2012 | Tunisia Section | Hammamet, Tunisia | Mar. 25-28, 2012 |
| ENERGYCON 2012 | Italy Section | Firenze, Italy | Sept., 9-12, 2012 |
| SIBIRCON 2012 | Siberia Section | Belokuriha, Russia | Aug. 27-31, 2012 |
| HISTELCON 2012 | Italy Section | Pavia, Italy | 5-8 Sept., 2012 |
| EUROCON 2013 | Croatia Section | Zagreb, Croatia | Jul. 7-10, 2013 |
| AFRICON 2013 | Mauritius sub-Section and South Africa Section | Mauritius | Sept. 25-27, 2013 |

Two types of Conferences

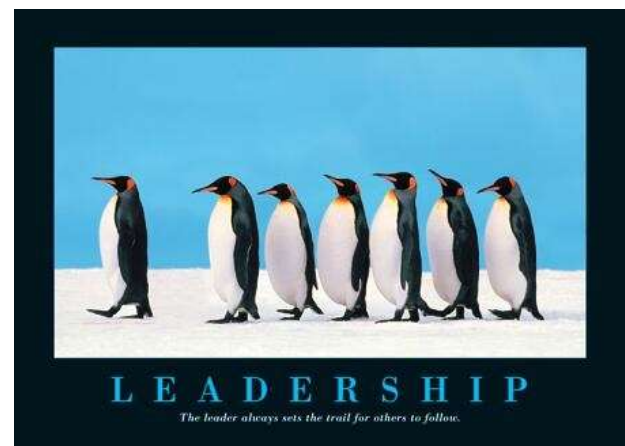
- Society conferences
- Regional conferences (hosted by Sections / Subsections)

CoCSC ⇒ ChCSC

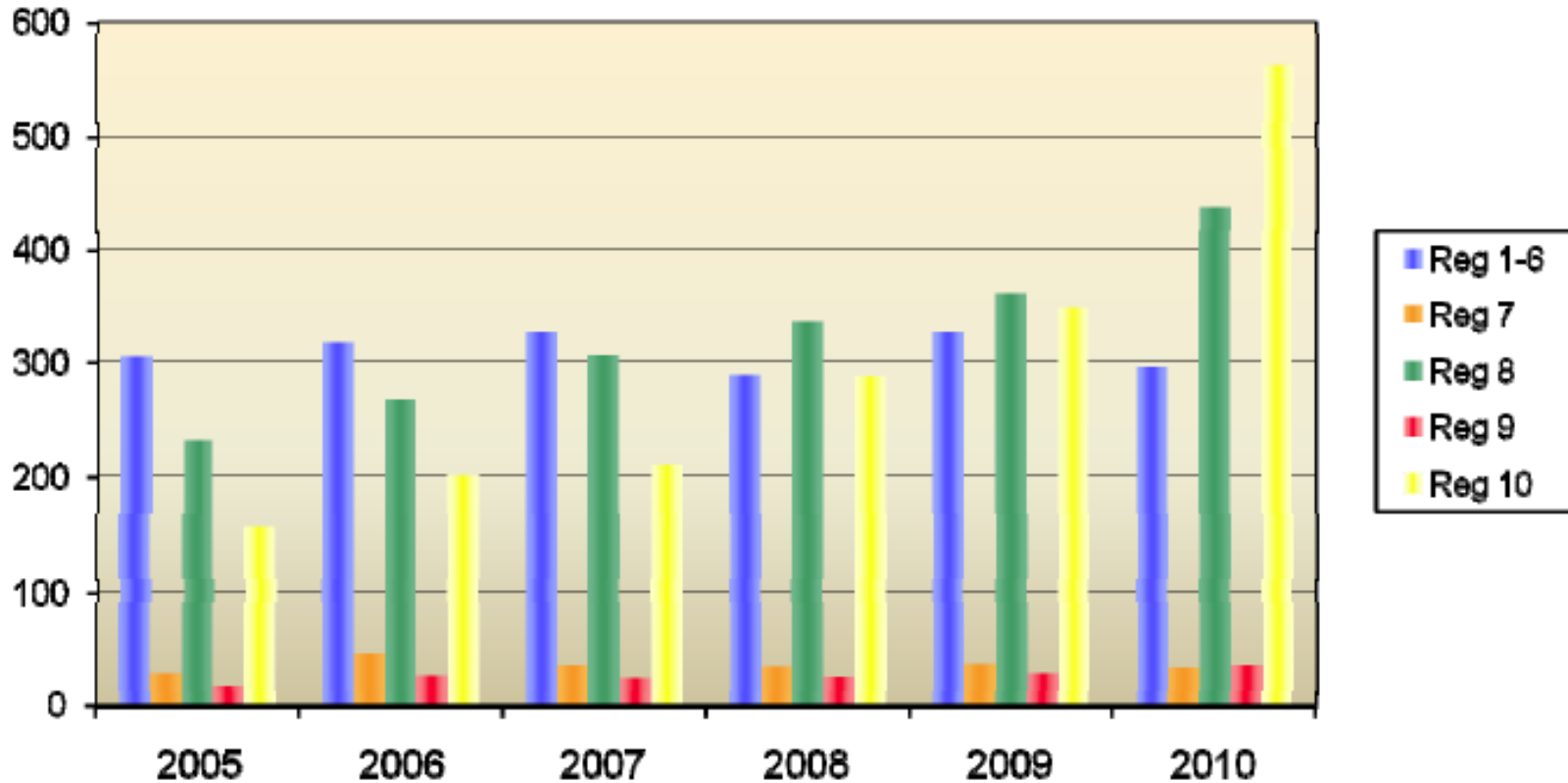
- Conference activity leads to **member engagement**, technical activity **locally**, ... and the numbers (member Development) follows..

Outcome: Chapters ⇒ Subsection
(See Director's report)

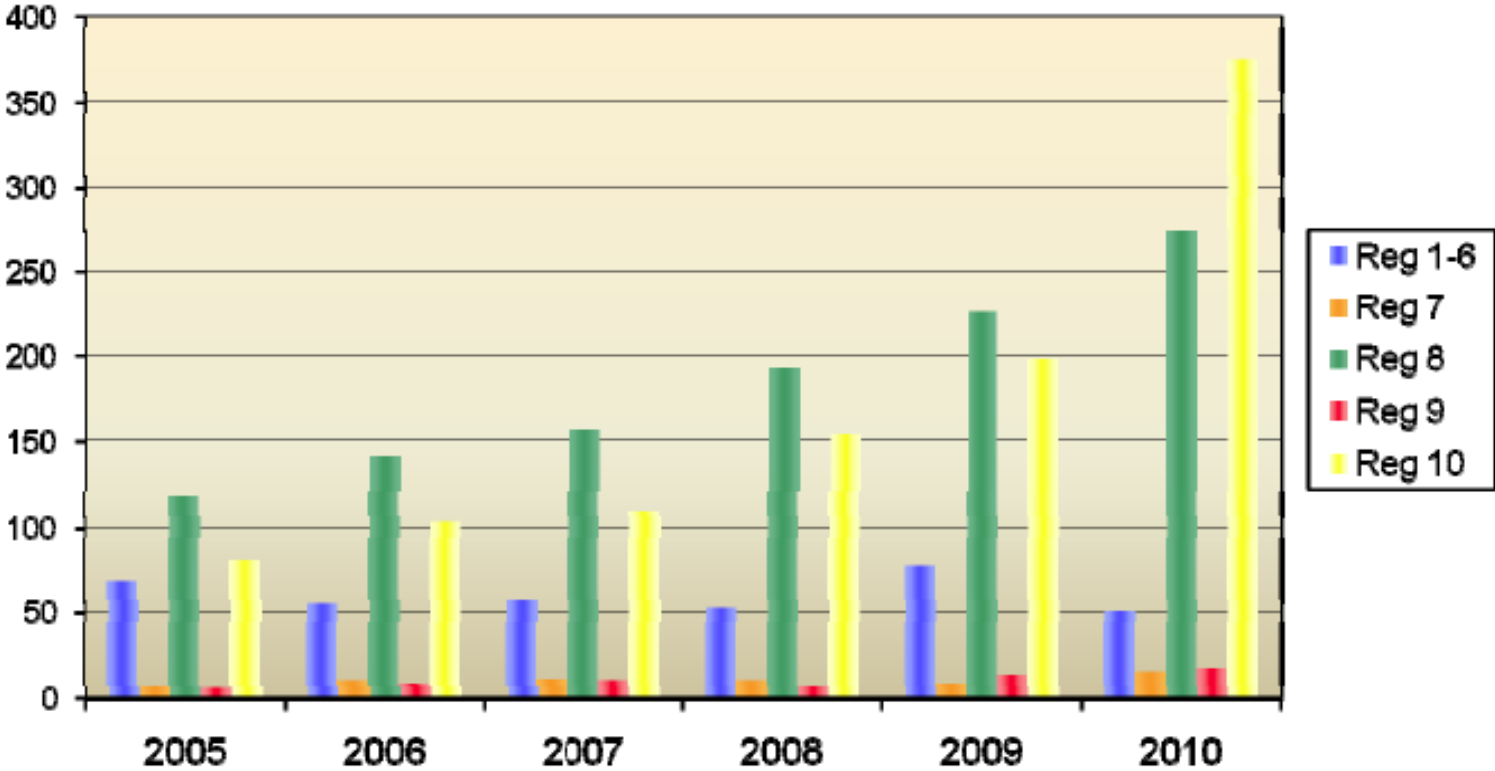
- * Mauritius: We have 73 members
 - * 1 new chapter & a subsection
 - * Financial sponsors
- * Zambia: 100 % growth in membership



IEEE Conference Numbers by Region



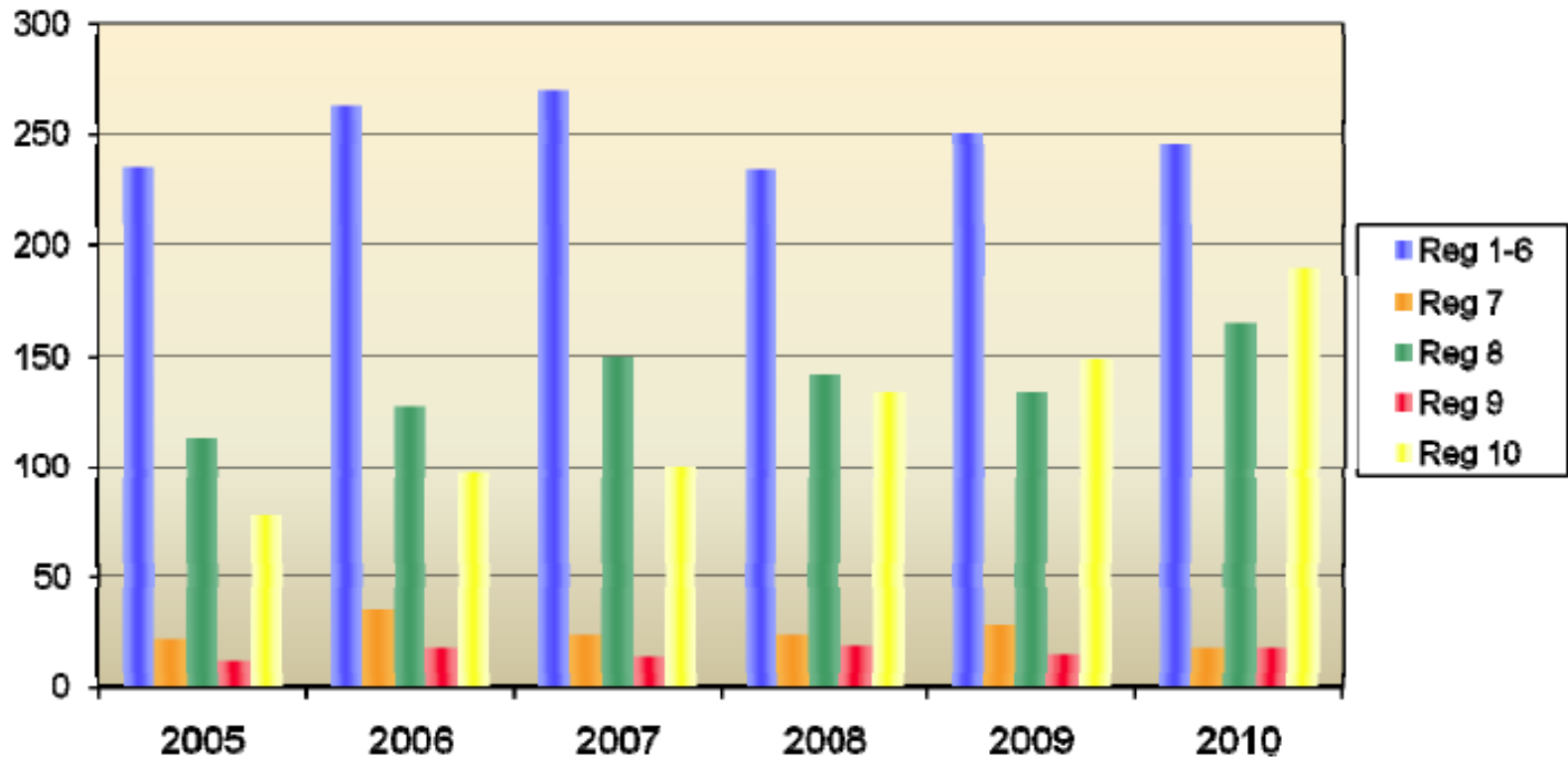
Technically Co-Sponsored Conferences



2010: 17 technical co-sponsored by R8

2011: Already at 17... *We need to grow!*

Financially Sponsored Conferences



R8 Technical Co-Sponsorship (1)

- IEEE Region 8 has no financial involvement
- Proceedings will be available on **IEEE Xplore**[®]
- At least two representatives of the IEEE Region 8/ Local Section/Chapter(s) have to support the event and assume an active role in the development of the technical program
- A for-profit entity cannot provide Financial Co-sponsorship
- Any non-IEEE event will be charged a fee of \$300.00
- R8 Technical Co-sponsored events cannot include “**IEEE**” in the title, however it must use Region 8 logos on publications, websites, etc.
- **Benefits document available on the Region 8 website**

R8 Technical Co-Sponsorship (2)

Procedure for Techn. Co-Sponsorship of the IEEE R8:

- 1. Organizers must prepare an MoU.

Available here:

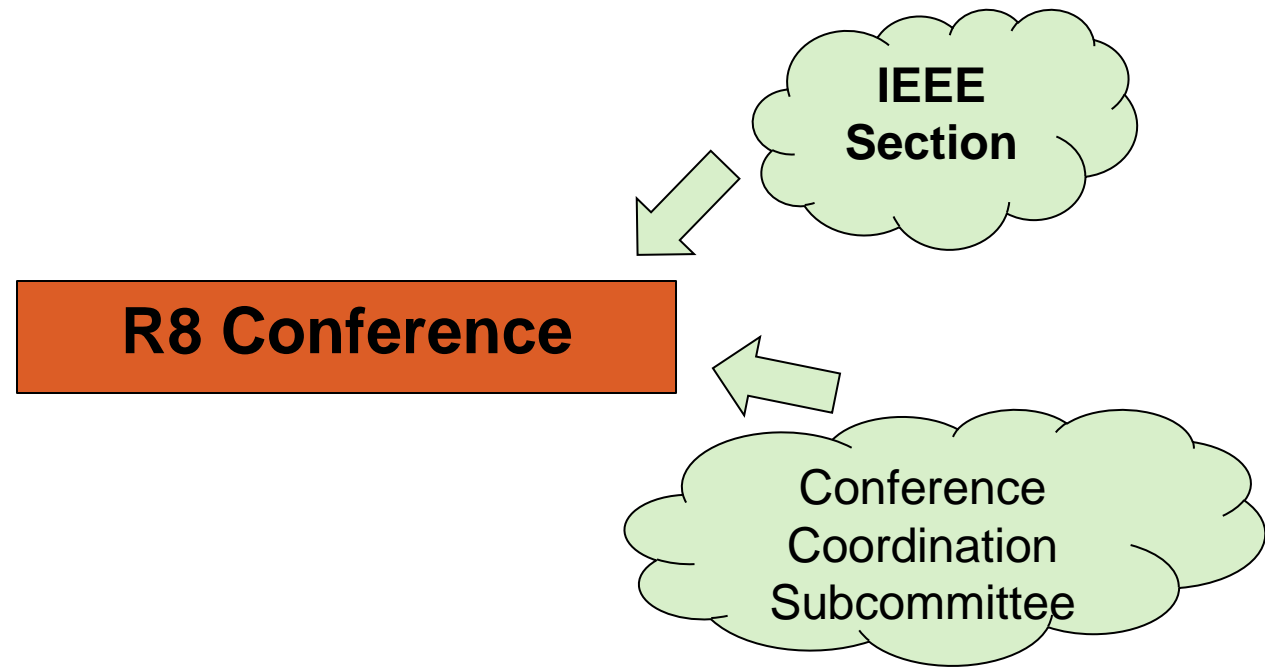
http://www.ieee.org/conferences_events/conferences/organizers/mou.html#sect2

- 2. Filled and signed MoU to be sent as a PDF file by e-mail to the Chair of the CoCSC (c.debono@ieee.org)
- 3. Once the MoU is approved, the conference has to be registered on the IEEE Conference Information Schedule:
http://www.ieee.org/web/conferences/organizers/required_documentation.html

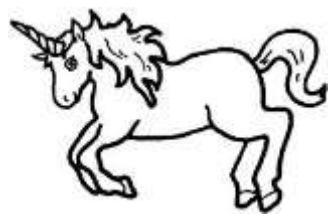
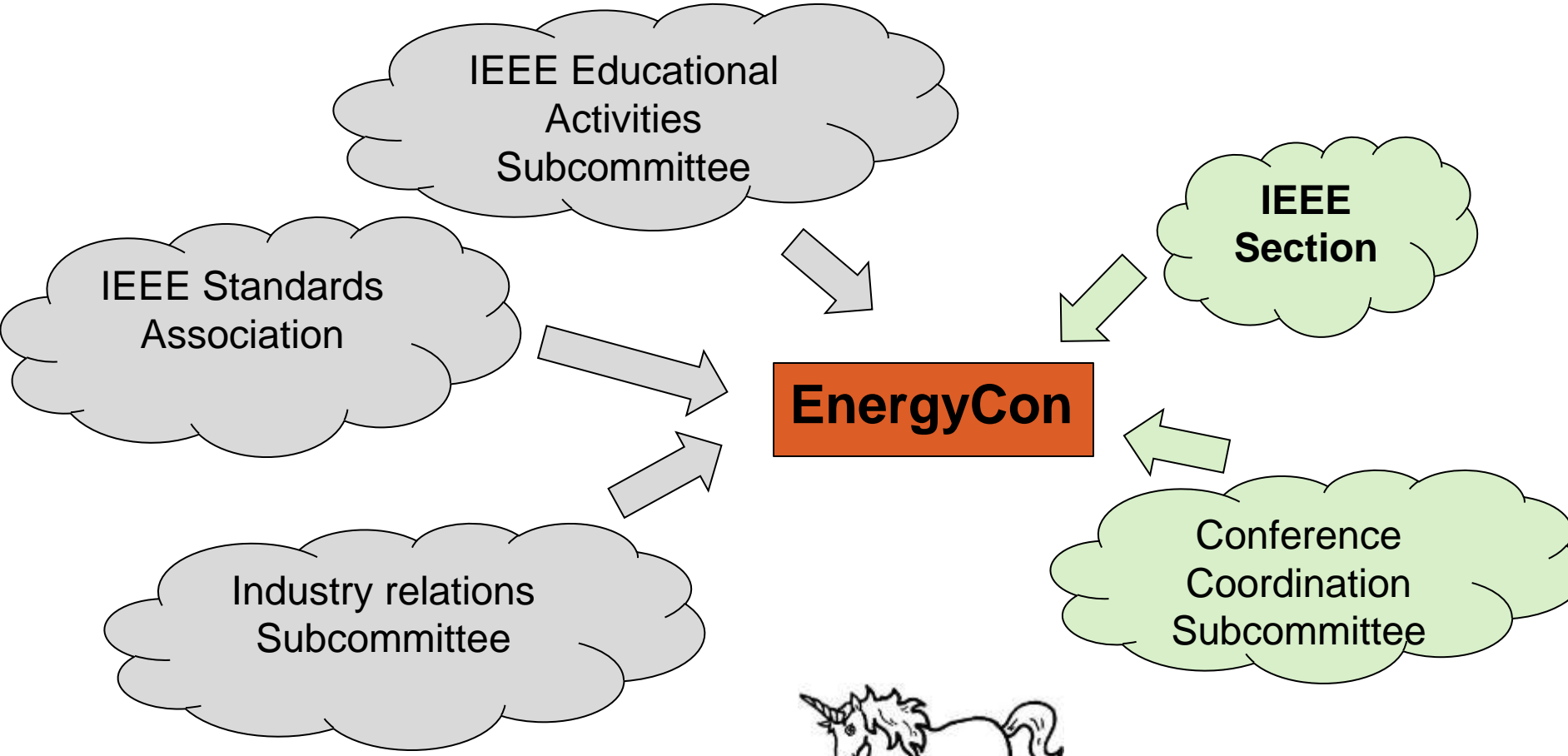
R8 Financial Co-Sponsorship

- IEEE R8 is financial sponsor as agreed in the Memorandum of Understanding (MoU)
- The conference budget has a Surplus Margin Goal equal to 10 % of expenses
- It is suggested that conferences use an IEEE concentration banking account
- A for-profit entity cannot provide Financial Co-sponsorship
- R8 sponsored events must include “**IEEE**” in the title and Region 8 logos on publications, websites, etc.

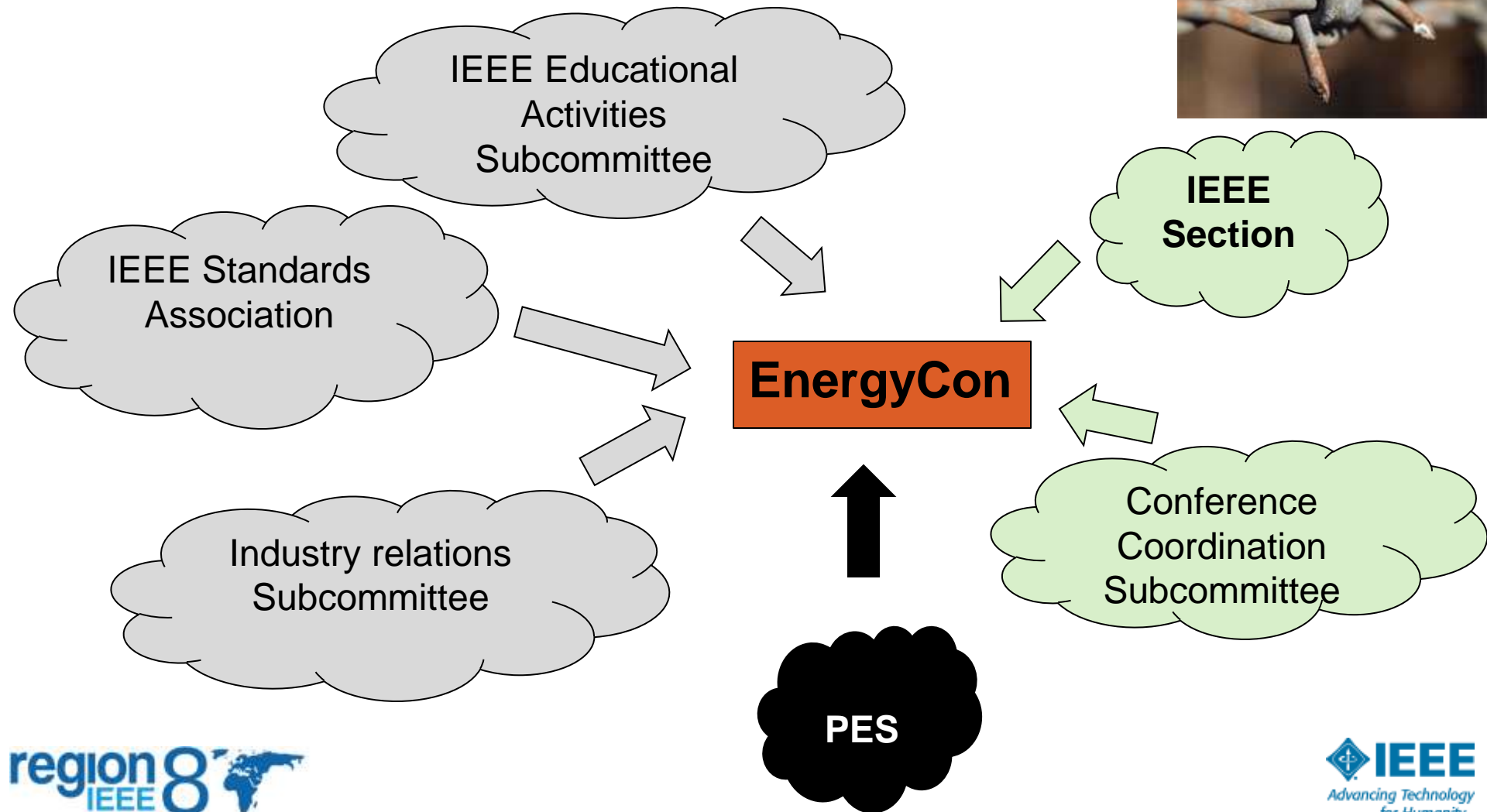
Coordination: R8 conference



New players are making a difference..



New players?



Conference Organization

Number of IEEE Conferences in R8 in 2011: \geq 250

Number of signed TCoS MoUs by R8 in 2011 (\leq July'11): 16

Number of signed FS MoUs by R8 in 2011: 1

Conference Advertisement

- *IEEE e-Notice service* may also be used for R8 conference promotion (e-mails go to R8 members only)
<http://www.ieee.org/organizations/vols/e-notice/>
- IEEE Region 8 News, Editor-in-Chief: Roland Saam
http://www.ewh.ieee.org/reg/8/news/contact_us.html
 - Note: **IEEE R8 Gazette** will replace the notices to members

Bidding Guidelines & Procedures to host IEEE Region 8 Conferences

- Guideline documents have been developed
 - Budget document
 - Powerpoint Template
- Available on website:
http://www.ewh.ieee.org/reg/8/cms/index.php?option=com_content&view=article&id=345&Itemid=72

Future Conferences

Looking for candidates to organize:

- SIBIRCON 2014
- HISTELCON 2014
- MELECON 2014
- ENERGYCON 2014
- EUROCON 2015

Quality concerns/ some “new” challenges

- IEEE’s Intellectual Property (IP) Office
 - Bill Hagen is the lead contact
 - w.hagen@ieee.org
- Plagiarism challenges
 - http://www.ieee.org/publications_standards/publications/rights/plagiarism/index.html
- Technical cosponsorship
 - Your guidance is sought

Action Item: CoCSC promotes...

*Empowering Members
to Create the Future*

IEEE Sections Congress 2011

1. Conducting Conferences/Workshops

Speakers: John Barr, Okyay Kaynak, and Bill Moses

Where/When: Saturday - Salons 5-6, 13h00-14h15 (Breakout Session 1)

Where/When: Sunday - Salon 15, 13h30-14h45 (Breakout Session 5)

2. IEEE MGA & TA Conference Best Practices

Speakers: John Barr, Bill Bidermann, Donna Hudson, Saurabh Sinha, and Mike Siok

When/Where: Sunday - Salon 13, 08h00-09h15 (Breakout Session 3)

3. How to Run a Successful Webinar: Connecting and Educating More Members While Cutting Costs

Speakers: Peggy Hutcheson and Mauro Togneri

When/Where: Saturday - Salons 10-11, 14h45-16h00 (Breakout Session 2)

Educational Activities Subcommittee (EASC)



As-salam
alaykum

Bakr Hassan (Bahrain)
bakr.hassan@gmail.com

EASC - Operational Areas

**Aligned
to EAB**



Eva Lang
(Germany)



Bakr Hassan
(Saudi Arabia)



Niovi Pavlidou
(Greece)

Pre-University Activities



- Interaction with **global level PECC** (EAB)
- Liaison with Student Activities Committee (SAC)
 - Make Section leaders aware of programs and support for Pre-University Activities
 - Provide inputs towards IEEE's newest grade (work in progress): **Junior Membership**
- Tying IEEE Pre-University Activities with existing programs
 - European Social Fund programs
 - MINT Reach-out programs (Germany)

Pre-University Activities - TISP

- Support and empower Pre-University Activities all over the Region
 - TISP Workshop **Saudi Arabia** (22-24 April 2011)
 - TISP Workshop **Scotland** (14-15 Mar. 2011)
 - TISP Presentation in **Tunisia** (22 Mar. 2011)

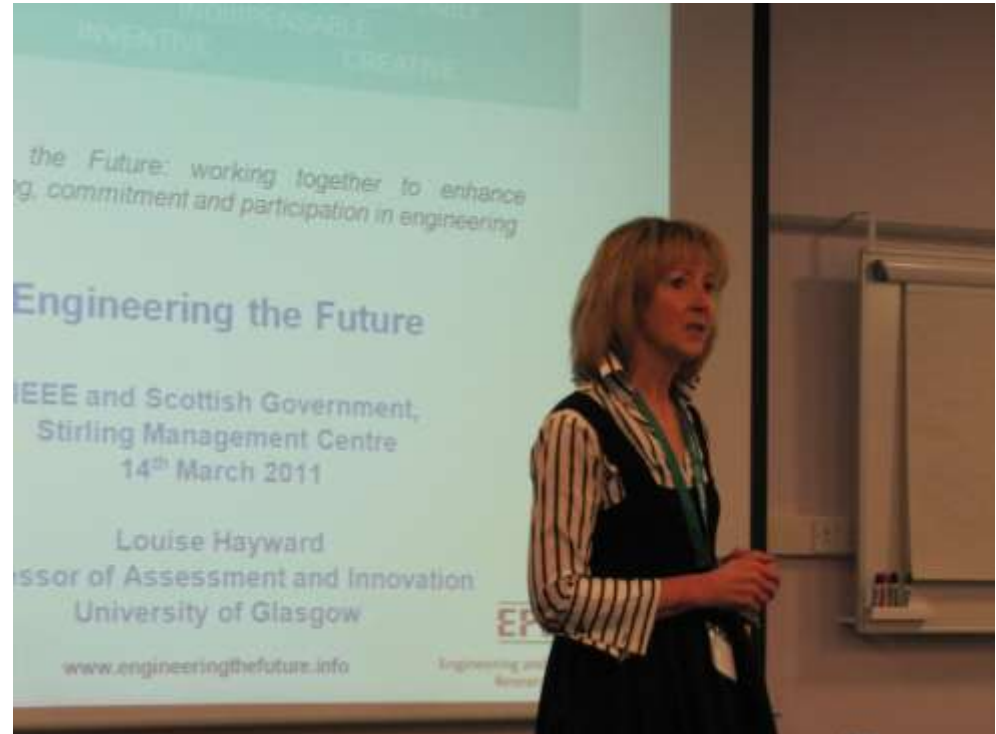


Saudi Arabia



Tunisia

TISP sponsored by Scottish Govt.



14 March 2011

EA leads to Section level agreements

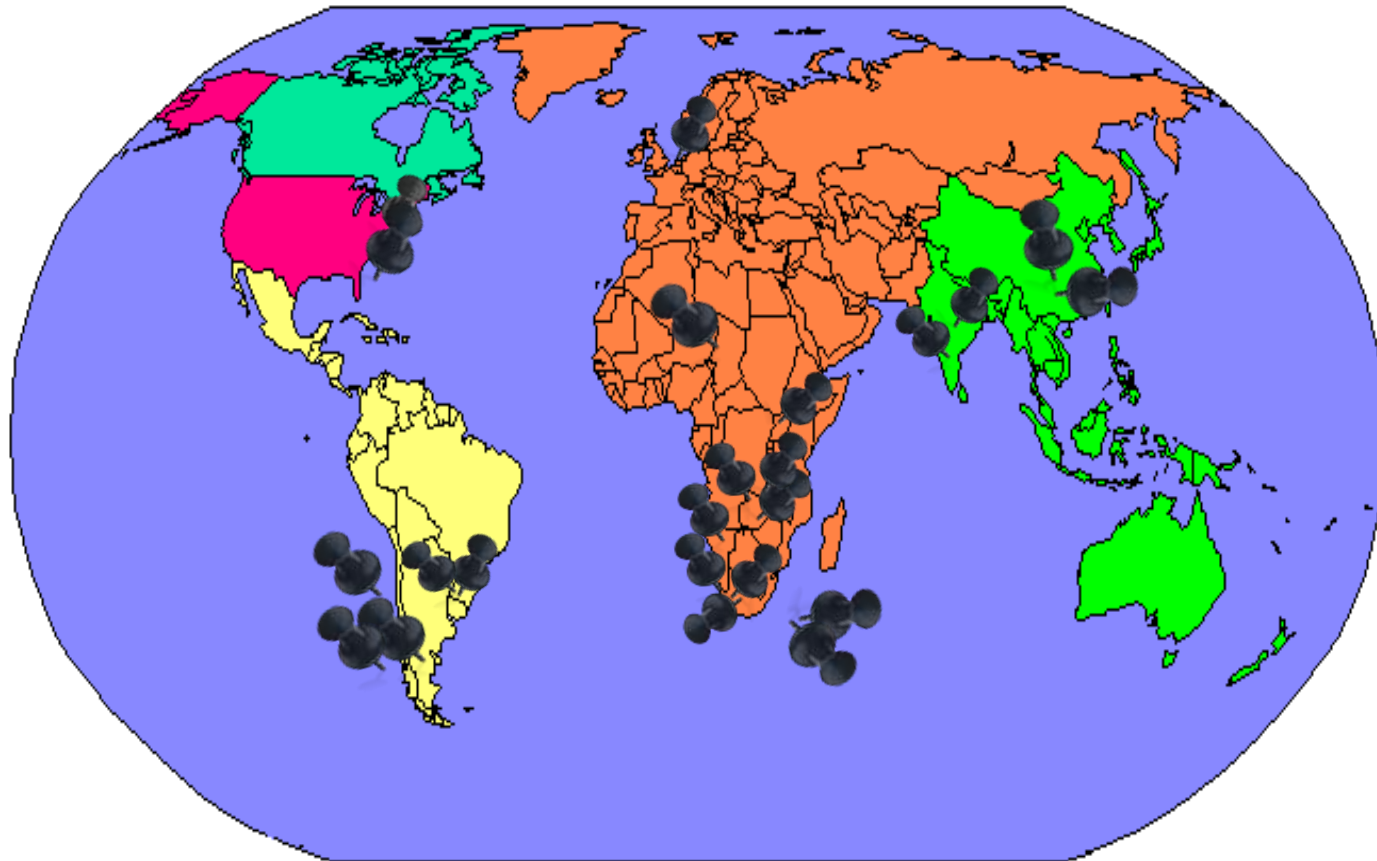


- Agreement with Education Dept.
 - * Series of presentations already in action
- Funding agreement for translation of TryEngineering.org to Arabic

Formal Cooperation Agreement
Between Saudi Aramco
and Saudi Arabia Section (E)
22 Apr. 2011



Pre-University Activities - EPICS



Engineering Projects in Community Service (EPICS)

Katholieke Universiteit Leuven (Benelux Section, Belgium) - Construction Of Solar Cells To Meet Basic Needs Of Bagaya, Senegal



University of KwaZulu-Natal SB (South Africa Section, South Africa) - Photovoltaic Powered Study Lamp Incorporating An AM/FM Radio and Mobile Phone Charger



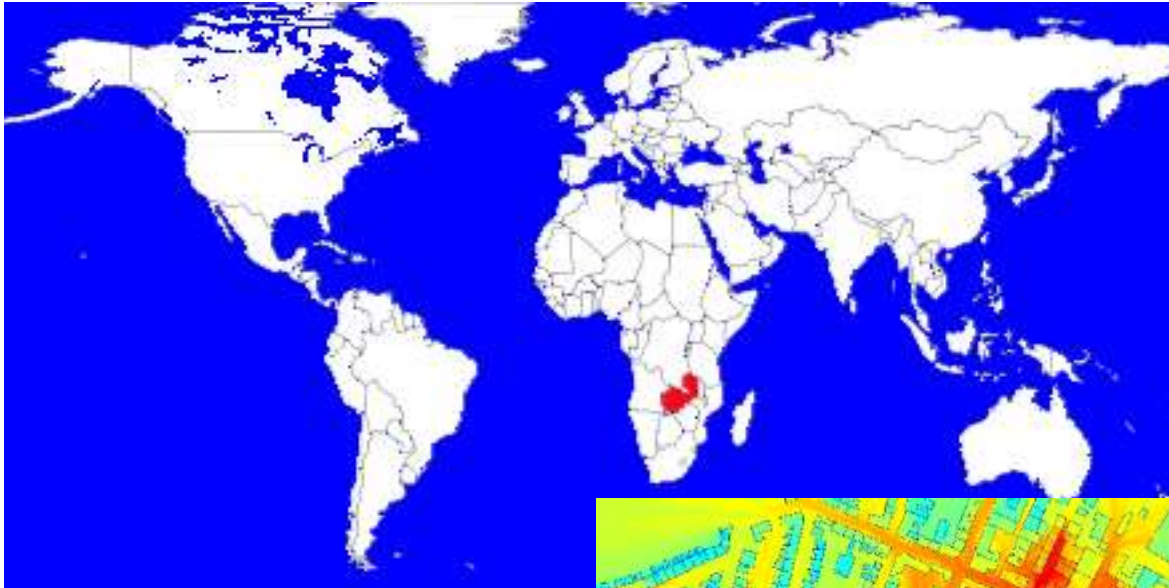
University of Cape Town SB- Oaklands School Computer Lab Renewable Energy Audit and Alternative Energy Installation



Polytechnic of Namibia (Namibia) – Mobile Science Lab For High School in Rural Area



University of Zambia SB (Zambia Section) - OpenBTS (Open Base Transceiver Station) Implementation In Chikankata



Copperbelt University (Zambia Section, Zambia) - Digital Teaching Units



Kyambogo University (Uganda) - Poverty Reduction And Environmental Conservation Through Solar Powered Solutions



University of Zimbabwe - On-Line Monitoring Of Lightning Incidence And Severity In Rural Zimbabwe



Continuing Education (CE) (1)

- IEEE Online Education Portal
 - IEEE eLearning Library
 - Content desired
 - Expanding the library
 - IEEE eLearning is on the offer **for free**, if organized as a **chapter activity**
- Professional Certification
- IEEE Continuing Education Providers Program
- English for Technical Professionals (on-line)



Continuing Education (CE) (2)



■ Website setup by Niovi:

<http://newton.ee.auth.gr/cef.ieee/>

- Linked via the IEEE Region 8 website (EA)
- Open a dialogue on CE activities and highlight good practices
- Regular communication with IEEE Staff for Continuing Education

University Activities



- **Real-World Engineering Projects**
- ***Accreditation projects***
- **DEECE Heads of Department Groups?**
 - Section EA opportunity

Accreditation Activities (1)



- **Project#1:** Accreditation of Computing Programs in South Africa

- **Project#2:** Curriculum related discussions in Southern & Eastern Africa

- **Project#3:** Gulf & Jordan Accreditation Agency
 - Position paper developed
 - Letter for agencies

Accreditation Activities (2)

- ▣ Presidents of 8 Engineering Councils met in 21 May, 2011, Manzini, Swaziland



| 2008 | Nom. | Rec. |
|-----------------|----------|----------|
| Region 1 | 1 | 0 |
| Region 2 | 1 | 1 |
| Region 3 | 1 | 1 |
| Region 4 | 0 | 0 |
| Region 5 | 0 | 0 |
| Region 6 | 1 | 0 |
| Region 7 | 0 | 0 |
| Region 8 | 2 | 1 |
| Region 9 | 4 | 2 |
| Region 10 | 0 | 0 |

| 2009 | Nom. | Rec. |
|-----------------|----------|----------|
| Region 1 | 5 | 2 |
| Region 2 | 2 | 0 |
| Region 3 | 3 | 2 |
| Region 4 | 3 | 0 |
| Region 5 | 3 | 0 |
| Region 6 | 7 | 2 |
| Region 7 | 1 | 0 |
| Region 8 | 3 | 2 |
| Region 9 | 3 | 0 |
| Region 10 | 6 | 0 |

| 2010 | Nom. | Rec. |
|-----------------|----------|----------|
| Region 1 | 11 | 5 |
| Region 2 | 5 | 2 |
| Region 3 | 3 | 0 |
| Region 4 | 2 | 0 |
| Region 5 | 2 | 1 |
| Region 6 | 2 | 1 |
| Region 7 | 3 | 0 |
| Region 8 | 5 | 0 |
| Region 9 | 3 | 0 |
| Region 10 | 4 | 0 |

| 2011 | Nom. | Rec. |
|-----------------|----------|----------|
| Region 1 | 7 | 1 |
| Region 2 | 2 | 1 |
| Region 3 | 1 | 0 |
| Region 4 | 1 | 0 |
| Region 5 | 1 | 1 |
| Region 6 | 0 | 0 |
| Region 7 | 1 | 0 |
| Region 8 | 6 | 3 |
| Region 9 | 2 | 1 |
| Region 10 | 6 | 1 |

Legend:

Nom.: Nominations

Rec.: Recipients

IEEE EAB AWARDS
Upcoming deadline: 30 Apr. 2012
<http://www.ieee.org/eab-awards>



Action Item: EASC promotes...



1. Create a Successful Teacher In-Service Program in Your Section

Speakers: Saurabh Sinha and Doug Gorham

Where/When: Saturday - Salon 1, 14h45-16h00 (Breakout Session 2)

Where/When: Sunday - Salon 1, 08h00-09h15 (Breakout Session 3)

2. IEEE eLearning Library (formerly Expert Now): Tools for Promoting Engineering Education Worldwide

Speakers: Maya Bystrom and Steve Welch

When/Where: Saturday - Salon 1, 13h00-14h15 (Breakout Session 1)

Standards Coordinator



Hi!

David Law
David_law@ieee.org

Activities – Standards Coordinator (1)

- Conferences and Workshops
 - Standards speakers and tracks at conferences/congresses
 - **“Demystifying IEEE 802 Standards”**
 - UKRI Section SBC, 2-4 Sept. 2011
 - Africon 2011, 13-15 Sept. 2011
 - **Standards workshops for sections**
 - [1] IEEE Standards (overview, process, participation)
 - [2] Chosen technology area (e.g., Smart Grid, IEEE 802)
 - [3] Local standards development organizations (SDO)
 - ***Status: Requests from Denmark & Benelux Section***
 - **Consensus-Building Exercise**
 - Proposed for the London Area in late Sept. 2011
 - Technically co-sponsored: Queen Mary University, London

Activities – Standards Coordinator (2)

- Standards Education
 - Student mini-grants program
 - University outreach
 - Policy Paper on the Role of Technical Standards in Curriculum

- IEEE-SA/IEEE R8 leadership meetings
 - September 2010, March 2011, August 2011

 - Meeting updates:
 - a. Europe Office Update
 - b. Discuss the IRSC recommendations
 - c. Possibility of Standards Day in Europe

Action Item: Standards Coordinator promotes...



Standards-Related Opportunities to Support Membership Growth and Industry Participation

Speakers: Srikanth Chandrasekaran, David Law, and Steve Mills

Where/When: Saturday - Salon 3, 13h00-14h15 (Breakout Session 1)

Where/When: Sunday - Salon 4, 10h45-12h00 (Breakout Session 4)

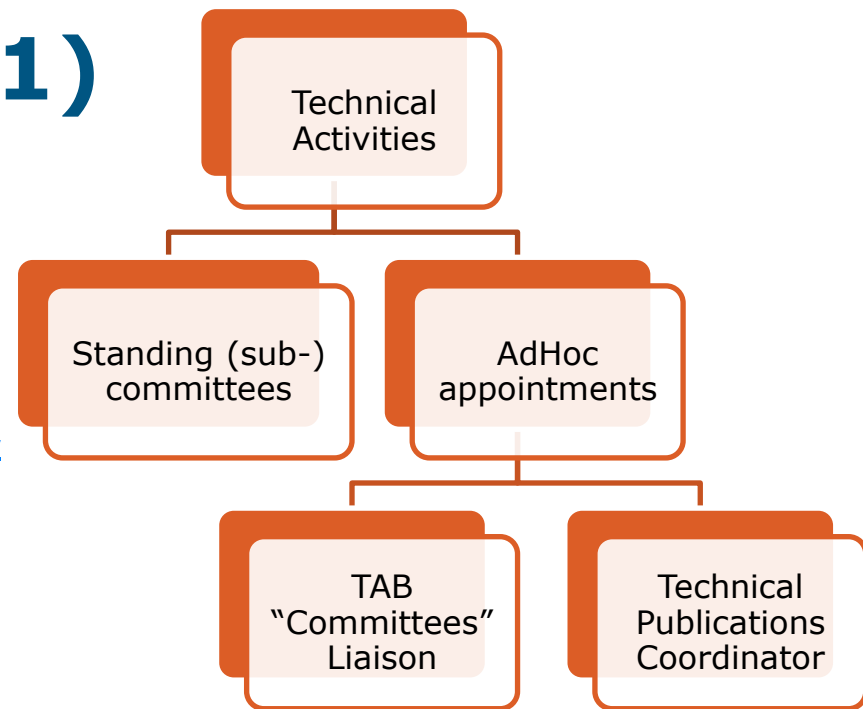
AdHoc Appointment (1)

TAB “Committees” Liaison (TC)

Champion our links to "new" committees established within the [IEEE Technical Activities Board \(TAB\)](#).

Examples include the [IEEE Smart Grid initiative](#), [Future Directions](#), [Cloud computing](#), [IEEE's Committee on Earth Observations \(ICEO\)](#), etc:

- Partnership in Coordination Projects (FP7)



Dobar dan

[Vladimir Katić](#)

Serbia & Montenegro

vladimir.katic@ieee.org

Didn't we say "divide and conquer" earlier?

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"Really? — my people always
say *multiply* and conquer."

Case of IEEE R8 TAB “new” committees – activities at our “flagship” conferences

| /FDC Topic R8 Conference | Smart Grid | Electric Vehicles | Cloud Computing | Next Gen. Computer Arch. | Networked Multimedia | Healthcare & Bioscience |
|---|--------------------------|-------------------|--------------------------|--------------------------|----------------------|--------------------------|
| EUROCON 2011 27-29 Apr. 2011 Lisbon, PT | Some aspects are covered | NO such topics | Fully covered | NO such topics | Fully covered | Some aspects are covered |
| MELECON 2010 26-28 Apr. 2010 La Valeta, ML | Some aspects are covered | NO such topics | NO such topics | NO such topics | Fully covered | NO such topics |
| SIBIRCON 2010 11-15 July 2010 Irkutsk, RU | Some aspects are covered | NO such topics | NO such topics | NO such topics | NO such topics | NO such topics |
| AFRICON 2011 13-15 Sep. 2011 Livingston, ZA | Some aspects are covered | NO such topics | Some aspects are covered | NO such topics | NO such topics | Some aspects are covered |
| ENERGYCON 2012 9-12 Sep. 2012 Florence, IT | Fully covered | Fully covered | NO such topics | NO such topics | NO such topics | NO such topics |
| HISTELCON 2012 Sep. 2012 Pavia, IT | NO such topics | NO such topics | NO such topics | NO such topics | NO such topics | NO such topics |

Legend: ■ NO such topics, ■ Some aspects are covered, ■ Fully covered

Life Sciences New Initiative (LSNI)

- Short term purpose
 - Develop an inventory of IEEE activities in the Life Sciences
 - Create a portal that would allow access to IEEE archival publications in LS and to on-going LS conferences and workshops
 - Develop a LS environmental scan
 - Address the appropriate organizational structure and branding of Life Sciences within IEEE
 - Develop a longer term initiative to develop Life Sciences activities within IEEE
- Long term purpose
 - Establish the Life Sciences as a key field of interest to IEEE and to attract to IEEE, professionals researchers and other interested parties who work at the intersection of the Life Sciences with Electrical Engineering, Computer Engineering, Computer Sciences, Physics and Mathematics.



Action Item: This ad hoc coordinator promotes...



Development and Promotion of Section-driven Humanitarian Technology Projects

Speakers: Christopher Baker-Brian, Amarnath Raja, Peter Staecker, and Tara Wisniewski

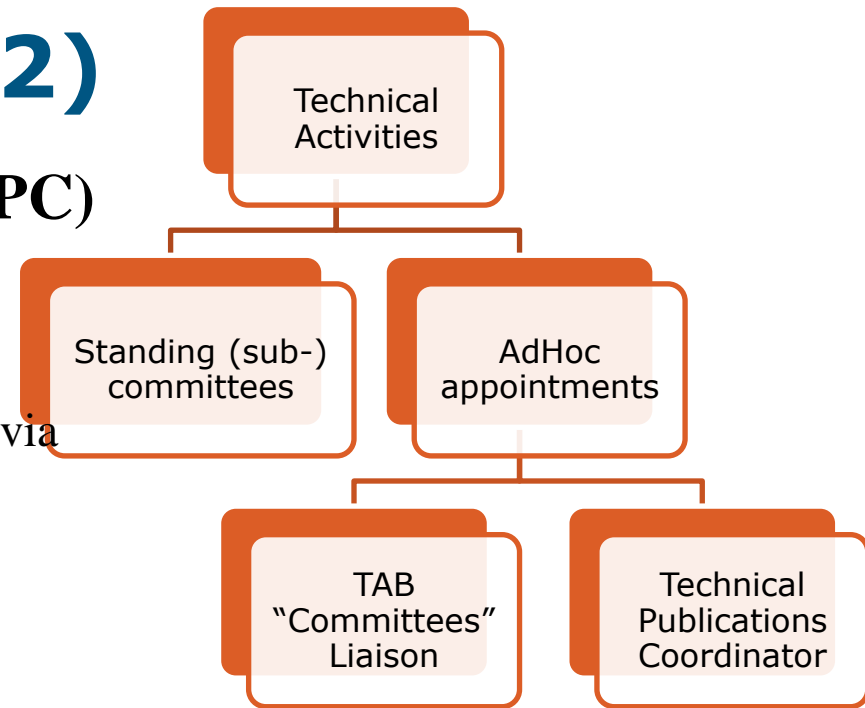
Where/When: Saturday - Salon 3, 14h45-16h00 (Breakout Session 2)

Where/When: Sunday - Salon 1, 10h45-12h00 (Breakout Session 4)

AdHoc Appointment (2)

Technical Publications Coordinator (PC)

- IEEE Business Units, for example IEEE Sales and Marketing ([International Sales Team](#))
 - Deliver a greater level of IEEE access such as via IEEE products: [IEEE/IET electronic library \(IEL\)](#), [IEEE eLearning library](#), etc
 - Offerings to National Societies / Sister Societies / Engineering Councils
- IEEE Publications Service and Products Board (PSPB).
 - Develop closer relations between our own journals, perhaps high-quality journals of [national societies](#), where IEEE has a formal relationship, etc to the wider IEEE, perhaps even via electronic and mobile dispensation via IEEE Xplore.
 - IEEE Russia North West Section
 - South Africa: Africa Research Journal



Buongiorno



[Stefano Zanero](#)
(Italy)

stefano.zanero@ieee.org

Action Item: This ad hoc coordinator promotes...



1. The Best Way & the Best Place to Publish Your Best Work

Speakers: Jon Rokne

Where/When: Sunday - Salon 4, 08h00-09h15 (Breakout Session 3)

2. IEEE eLearning Library (formerly Expert Now): Tools for Promoting Engineering Education Worldwide

Speakers: Maya Bystrom and Steve Welch

When/Where: Saturday - Salon 1, 13h00-14h15 (Breakout Session 1)

Industry Relations Subcommittee (IRSC)



As-salam
alaykum

Ghaleb Dandan (Saudi Arabia)
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IRSC Work-in-Progress (1)

(April-July, 2011)

- To support industry needs IRSC in collaboration with both IEEE Education Activities Board (EAB), Region 8 Educational Activities Subcommittee (EASC) and the IEEE Communications Society will organize a 3 day course in **Wireless Communications** to prepare Engineers specially from industry to obtain IEEE **Wireless Communication Engineering Technologies® (WCET)** certification.
- As part of **Industry Continuing Education (ICED)** initiative we have started to receive requests for **industry speakers from sections. Two courses** are currently planned for **2011**.
 - Renewable Energy, Dhahran/Jubail, Saudi Arabia
 - Quality Management. Lebanon

IRSC Work-in-Progress (2)

(April-July, 2011)

- In collaboration with Awards and Recognition Committee, IRSC is currently pursuing establishing an **Industry Award** within **Region 8**.
 - Guidelines and procedures for this award will start after motion is approved.

IRSC Work-in-Progress (3)

(April-July, 2011)

- In collaboration with the **Royal Commission** in Jubail, Saudi Arabia where the world's largest **Petrochemical** Industries will soon be established, IEEE R8 IRSC and IEEE Saudi Arabia Section will be working closely with the organizers of a new conference/symposium that is currently planned for 2012.

IRSC Work-in-Progress (4)

(April-July, 2011)

- After the successful introduction of EnergyCon 2010, efforts are currently ongoing to support EnergyCon 2012 as well as other conferences by working with the conference coordination subcommittee (CoCSC) and general conference chairs.
- Our objective as IRSC is as follows:
 - Ensure that industry sessions and tracks are inserted in these conferences
 - Work with the Organizing Committee, IEEE R8 Standards Coordinator and IEEE Standards Association (IEEE-SA) to support Standards related tracks at these conferences
 - Attract industry participation in these conferences
 - Utilize some of the industry speakers/supporters

IRSC Upcoming Actions (1)

(April-July, 2011)

- Continue our activities as part of the **Energy Initiative** and consider request for a **new initiative committee** (NIC) proposal to expand this effort.
- Capitalize on our success as part of the ICED initiative to continue the **deployment of industry lecturers** within R8.
- Continue the collaboration between **IEEE-SA and IEEE Standards Coordinator** to support various IEEE events and industry requirements in Region 8.

IRSC Upcoming Actions (2)

(April-July, 2011)

- Continue collaboration with IEEE R8 Conference Coordination Sub-committee (CoCSC) and **insert industry tracks at Regional Conferences as appropriate.**
- Explore stronger **collaboration with Energy companies in Europe** especially in the area of alternative and renewable energy and conduct face to face meetings as appropriate
- Recruit **additional active volunteers** to support Region 8 IRSC activities

Action Item: IRSC promotes...



1. Standards-Related Opportunities to Support Membership Growth and Industry Participation

Speakers: Srikanth Chandrasekaran, David Law, and Steve Mills

Where/When: Saturday - Salon 3, 13h00-14h15 (Breakout Session 1)

Where/When: Sunday - Salon 4, 10h45-12h00 (Breakout Session 4)

2. Improving IEEE's Engagement with Industry

Speakers: Ashutosh Dutta, Fred Mintzer, and John Day

Where/When: Saturday - Salons 5-6, 14h45-16h00 (Breakout Session 2)

Where/When: Sunday - Salons 10-11, 13h30-14h45 (Breakout Session 5)

Photos from San Francisco



More Photos from San Francisco



Even More Photos from San Francisco



Q: Where did you go?

A: The Marriott, 55 Fourth St., San Francisco

Partner's Program - Companion's Programme

What you may not be seeing...





Scan me with your smartphone to reach the IEEE website.

Marconi's first wireless tests get Milestone

ON 29 April 2011, the IEEE Italy Section dedicated an IEEE Milestone to honour Guglielmo Marconi's first experiments in wireless telegraphy.

Two plaques were presented by IEEE president Moshé Kam for each site where Marconi carried out his experiments: the transmitter in the garden of Villa Griffone, and the receiver on the far side of Castellina hill some 20m away.

Read the citations and historic significance of this achievement on the IEEE Global History Network webpages at www.ieee.org.

The IEEE Italy section held the ceremony at Villa Griffone, Pontecchio Marconi, about 15km from



Guglielmo Marconi in 1896.



From this window of his laboratory, Marconi transmitted successfully a radio signal for a distance of about 20m.

Bologna, Italy. Welcome speeches were given by the president of the Guglielmo Marconi Foundation, Gabriele Falascca; the rector of the University of Bologna, Wano Dionigi; and the mayor of Sasso Marconi, Stefano Mazzetti. The Princess Elettra Marconi gave a short speech commemorating her father Guglielmo.

After the Milestone dedication, a half-day workshop entitled 'Past, Present and Future of Radio Technology' featured keynote talks and panel sessions. The opening >

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A member of the Khalifa University student team demonstrates its Software Engineering project for Arabic sign language.

Student Day puts undergraduates in competition across five topics

THIS year's IEEE UAE Student Day was hosted at Khalifa University, Sharjah Campus on 14 May. This annual event builds on the continued success it has achieved since its inception six years ago. It has become the focal point of students enrolled on undergraduate engineering, science and technology programs in universities and colleges across the United Arab Emirates.

The key objectives of holding this student day are: enhancing the culture of competition among students, recognising outstanding achievements of IEEE student members, exchanging experiences between UAE IEEE students, enhancing leadership qualities of the IEEE students, and introducing the IEEE to the public.

The IEEE UAE Student Day 2011 included five competitions: a Common Design Project, Senior Design Project, Software Engineering Project, Engineering Design Project, and Community Service Project. This year, 58 teams with nearly 185 undergraduate students from 11 universities across the UAE participated in the various activities of this truly exciting student-oriented event.

The participating institutions included Ajman University, American University of Dubai, American University of Sharjah, BITS-Plani Dubai Campus, HCT-Abu Dhabi/Merr, HCT-Ain Wamers, Khalifa University, Mopna University - Dubai, Petroleum Institute, UAE University, and University of Sharjah.

The Common Design competition was entitled 'Smart Guide for Blind People'. It required teams of students to successfully design, implement, and demonstrate a working prototype of a device that would >

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Milestone marks the discovery of superconductivity

AN IEEE Milestone for the discovery of superconductivity in 1911 by Prof Heike Kamerlingh Onnes and his collaborators, Cornelis Dorsman, Gerrit Jan Film and Gilles

Holtz, was dedicated on 8 April 2011 in Leiden, The Netherlands.

The plaque was presented by IEEE President Moshé Kam, and accepted by Willemie Beest for the University of Leiden in the building where this discovery was made 100 years earlier.

The unveiling ceremony in the evening was conducted with the cooperation of the discoverers' descendants: Kamerlingh Onnes, Hans Holtz, Gerrit Jan Film and Wieb J Dorsman.

An all-day celebration included talks on the history of low temperature research at Leiden, the discovery and current applications of superconductivity, and prospects for future research in materials. More than 200 scientists and

engineers participated in the events which were organised and sponsored by the IEEE Council on Superconductivity, the University of Leiden, the IEEE Benelux Section, the Museum Boerhaave (Leiden) and Philips Research.

The morning session of the '100 Years in Superconductivity' symposium was held in the beautiful theatres of the Leiden Schouwburg. Prof Dirk van Delft, director of Museum Boerhaave, described the early low temperature research >



IEEE President Moshé Kam presented the Milestone plaque.

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