

# IEEE Technical Activities IEEE Region 8 2015



Igor Kuzle

Vice-Chair: Technical Activities, IEEE Region 8

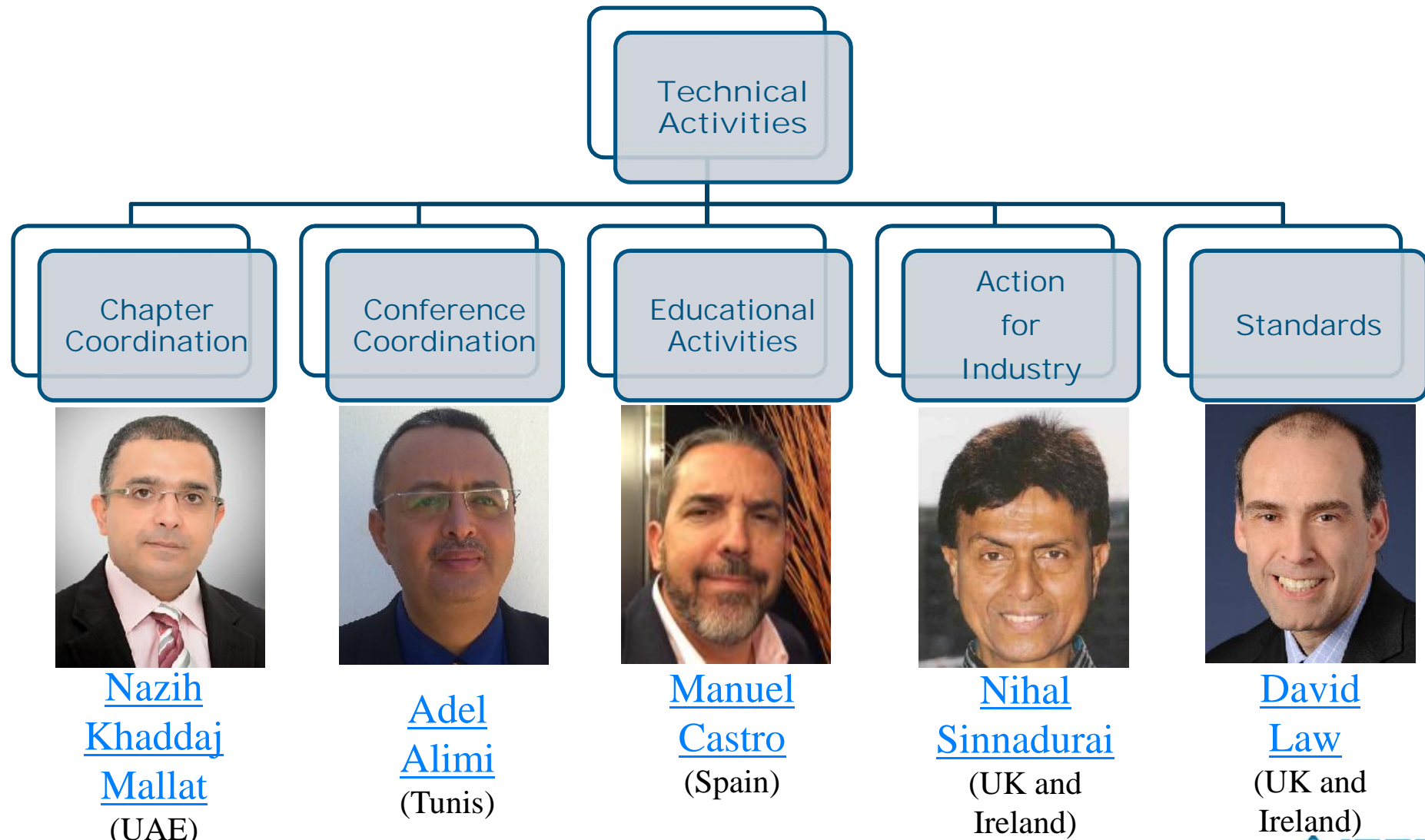
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# Technical Activities

The Technical Activities places efforts to support technical activities, educate volunteers and members, and collaborate with industry.

<http://www.ieeer8.org/category/technical-activities/>

# 2015 Committees & Teams



# Chapter Coordination Subcommittee (ChCSC)

- Nazih Khaddaj Mallat (UAE Section)
  - Chair
- Alexandros Osana (Greece Section)
  - SB Chapter Coordinator
- Corresponding members:
  - U urcan engit (Turkey), Maria Trocan (France)
- Society/Council R8 Chapter Coordinators



# Chapter Coordination Subcommittee Activities

- Review Chapter and Councils Applications
- New Chapters Approved since Jan. 19th, 2015 --- 6 Chapters and 4 SB Chapters
- S/C R8 Chapter Coordinators Roster
- Facebook Presence
- Chapter Award and SB Chapter Award
  - Recommendations for R8 director and the Awards Committee
  - 20 Nominations Received (13 for Chapter award and 7 for SB award)

# Chapter Coordination

## Subcommittee Activities

- Prepare the annual ChCSC meeting in Autumn 2015
- ChCSC Operations Manual – in preparation
- Identify best practices and share!
- Chapters / Sections Vitality!
- Getting Closer to Industry!
- “Collaborate with SAC and Participate in Student Branch Congress

# Conference Coordination Subcommittee (CoCSC)



Adel M. Alimi  
[adel.alimi@ieee.org](mailto:adel.alimi@ieee.org)  
Chair



Jan Haase  
[janhaase@ieee.org](mailto:janhaase@ieee.org)  
Past Chair



Péter Nagy  
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Member

e-mail: [r8cocsc@ieee.org](mailto:r8cocsc@ieee.org)

[http:// www.ieeer8.org/category/technical-activities/conference-coordination/](http://www.ieeer8.org/category/technical-activities/conference-coordination/)

# Conference Coordination Subcommittee (CoCSC)

- CoCSC coordinates financially or technically co-sponsored conferences in the region
- IEEE requires conference organizers to submit their applications (MoUs) online only through IEEE Conference Exchange (ICX)
  - [www.ieee.org/conferences\\_events/conferences/organizers/conf\\_app.html](http://www.ieee.org/conferences_events/conferences/organizers/conf_app.html)



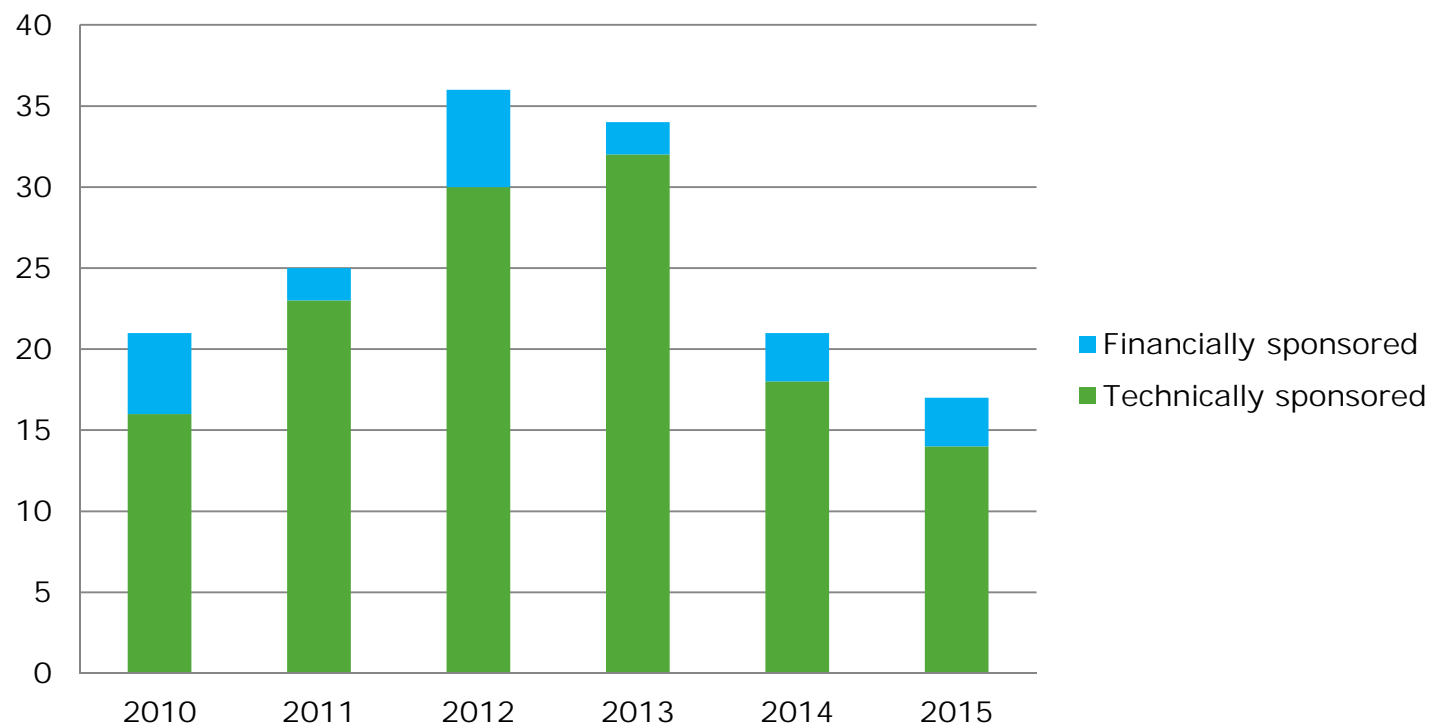
# Future Flagship Conferences in 2015 & 2016

- Encourage IEEE members in your sections to participate to:
  - HISTELCON 2015, August 16-21, Tel Aviv, Israel
  - EUROCON 2015, September 8-11, Salamanca, Spain
  - AFRICON 2015, September 14-17, Addis Ababa, Ethiopia
  - ENERGYCON 2016, Leuven/Ghent, Benelux
  - MELECON 2016, Limassol, Cyprus

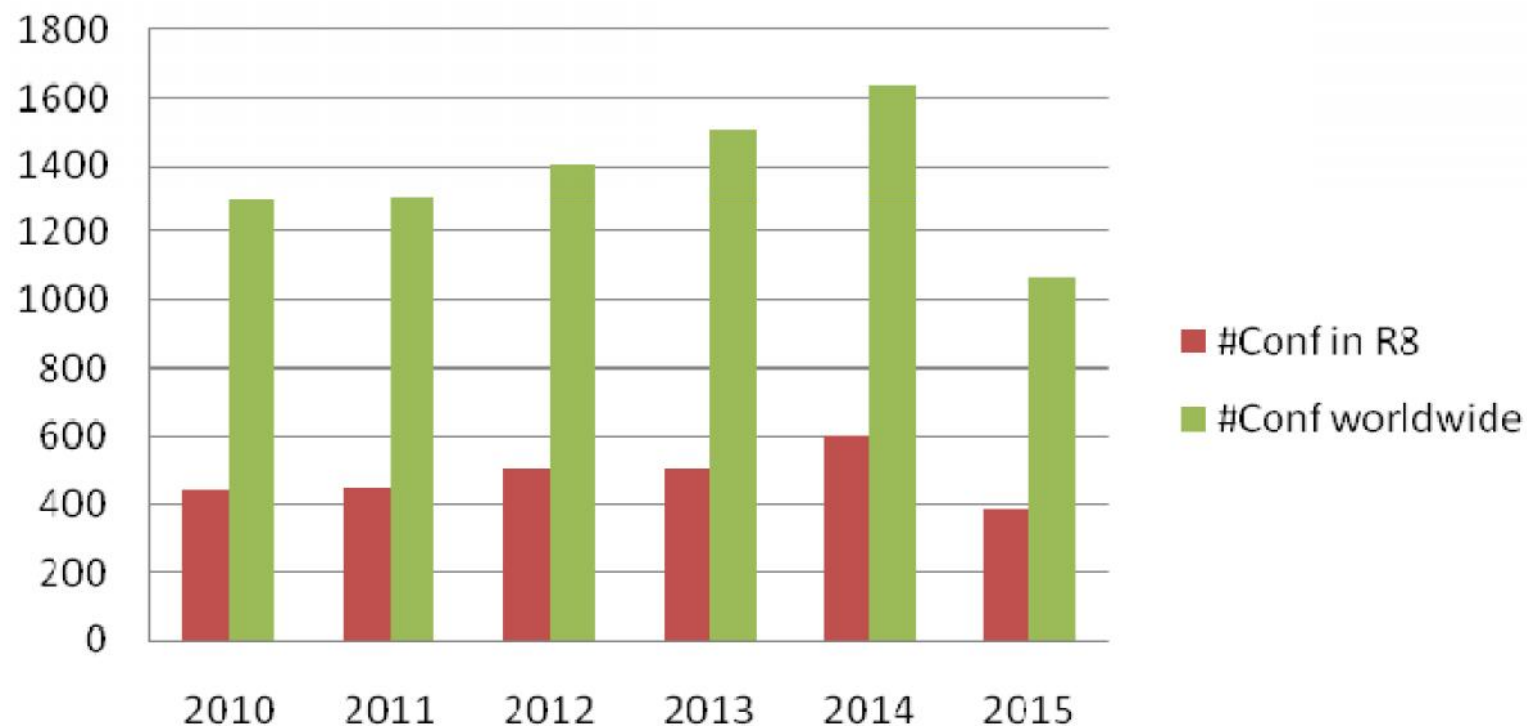
# Please Come Forward with Good Bids!

- ▣ Looking for organizers to host
  - EUROCON 2017
  - AFRICON 2017
  - Templates for bids can be found at the CoCSC website

# Financially and Technically co-Sponsored Conferences by IEEE Region 8



# Financially and Technically co-Sponsored Conferences by IEEE Organizational Units (OU) in R8



# Top 2014 R8 Countries Organizing Conferences Financially or Technically co-Sponsored by IEEE OU

- Italy (51)
- France (32)
- UK&I (30)
- Germany (27)
- Portugal (24)
- Spain (17)
- Tunisia (17)

# IEEE R8 Section's Conference Officers

- Only 16 officers in 65 sections and subsections in the region!
- **Nominate a conference officer!**

# Resources for Conference Organizers

- Conference Organizer's Handbook, downloadable at R8 CoCSC webpage
- Tools for conference planning  
[http://www.ieee.org/conferences\\_events/conferences/organizers/toolkit\\_conference\\_planning.html](http://www.ieee.org/conferences_events/conferences/organizers/toolkit_conference_planning.html)
- Participate to future CoCSC webinars
- IEEE center of leadership excellence  
<http://ieee-elearning.org>
- Participate to the IEEE Panel of Conference Organizers (POCO 2015) in Glasgow, UK

# Tips and Tricks for Successful Conferences

- Ensure papers' quality
  - « Good » review process
  - Attract experts
  - Check for plagiarism <http://crosscheck.ieee.org>
- Cooperate with chapters and societies
- Attract industrials



# Advantages of IEEE R8 Technically co-Sponsored Conferences

- Use e-Notice IEEE service is used for R8 conference advertisement (e-mails go only to R8 members)
- Use logo of IEEE Region 8
- Publication of conference proceedings in IEEE Xplore
  - Not automatically
  - Papers have to pass quality checks

# R8 CoCSC Interactive Session

- Saturday 29 March 2015, Ballroom
- 1:30pm-16:00pm
- 5 consecutive Sessions (25 minutes each) organized as booths: goal is interaction with you: your feedback, questions and suggestions are needed!
- Each booth will have 8 chairs in a semi-circle.
- 2 for **conference organization greenhorns** (1:30pm & 2:00pm).
- 3 for **conference organization veterans** (2:30pm & 3:00pm & 3:30pm).

# IEEE Region 8 – Educational Activities Subcommittee



- Inside the Region 8 Technical Activities

- Link inside Region 8:

  - Technical Activities with

  - Educational Activities (EAB)



for IEEE members, IEEE Organization Units and Society

- Focuses on High Education activities and accreditation, Pre-University (TISP and community projects), Continuous Education (and Life-Long Learning Activities) and Employment

# Educational Activities Subcommittee



## □ Committee Members

- Manuel Castro (Spain Section), Chair
  - Employment, career and job
- Rui Costa (Portugal Section)
  - University and Accreditation
- Sohaib Qamar Sheikh (UKRI Section)
  - Pre-University
- Giannis Mousmoutis (Greece Section)
  - Continuous Education
- Corresponding Member



# IEEE Region 8 – Educational Activities Subcommittee



- Friday 27<sup>th</sup> March 2015, 9 to 11:
  - IEEE EAB participation in R8 Committee meeting & R8 EAS meeting – March 2015
    - IEEE EAB Managing Director
  - New activities of R8 EAS and people involved
  - Presentation of IEEE EAB and synergies (Douglas Gorham – IEEE Education Activities Managing Director)

# Educational Activities Subcommittee



- Participation in Frontiers in Education conference – Madrid, October 2014
- Webminars
- Virtual conferences development
- TISP and EPICS 2015 new activities
  - Zagreb (Croatia), Central European Student and Young Professionals Congress – May 2015
  - Coruña (NorthWest Spain) meeting of TISP at MUNCYT (Technology Museum) with EAS participation – 16<sup>th</sup> May 2015 >>> **NEW COMPLETE EAS meeting**

# Educational Activities Subcommittee



- Reorganization of the Subcommittee after the new IEEE R8 Direction (2015)
  - Increase the number of people involved in the Subcommittee areas + past chair involvement
- Increase of the Education Activities, visibility and synergies with the IEEE Education Activities Board
- Organize more Seminars and Webinars
- Not all Sections have an EA Officer >>> **push SECTIONS**
- Synergies with the virtual conferences area
- Social media

# Educational Activities Subcommittee



EAS past chair honorary group

- Fotini-Niovi Pavlidou (Greece)
- Fanny Klett (Germany)
- Bakr Hassan (Bahrain)
- Joao Costa (Portugal)

Assistant of the EAS chair

Social media and community coordinator

Increase and develop the EAS areas committees



# Short request from CGAA to R8 sections

# CGAA?

Committee on Global Accreditation Activities (CGAA)

Subcommittee of

Educational Activities Board (EAB)



# TryEngineering

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Search 

## Become an Engineer

Find your major and get involved



## Find a University

Over 3000 universities in over 60 countries



## Lesson Plans

116 PDFs  
15 million downloads



## Play Games

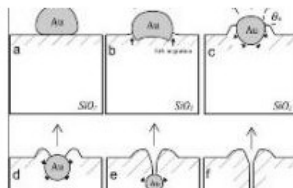
Questioning, Solar Car Racing, and many more



## News & Blog [Show All](#)

### Behold the Golden "Nano-Drill"

March 23, 2015 | **Innovations**



Spherical gold particles are able to 'drill' a nano-diameter tunnel in ceramic material when heated. This is an easy and...

[More](#)

Share    

### The IEEE History Center proudly announces the launch of the Engineering and Technology History Wiki!

March 13, 2015 | **Announcements**



To expand the IEEE Global History Network, the IEEE History Center launched the Engineering and Technology History...



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The ultimate resource for engineering, computing and technology accreditation

### What's Inside?

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Recognized accrediting agencies throughout the world.

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Mutual recognition agreements, their texts and interpretations.

#### **Find a University**

University search engine to find accredited programs.

#### **Accreditation Resources**

Why accreditation is important, approaches, and research.

#### **TryEngineering**

A portal about engineering and engineering careers.

Accreditation.org Home

## What is Accreditation.org?

| 
  | 
  |

Accreditation.org is intended to be the preferred resource for all information on Engineering, Technology and Computing (ETC) accreditation globally.

### Who is the intended audience?

**Primary Audience:** Professionals with an interest in degree program accreditation in engineering, technology and computing; including Professional societies, Licensing bodies, Academic institutions and their faculty and staff, Governmental bodies, and Employers and Industry.

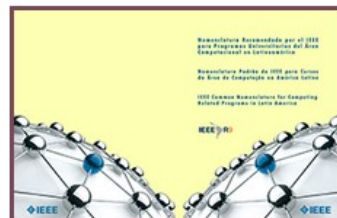


**Secondary Audience:** Parents, students and prospective students.

### What can you find on this website and how can we help you?

This website provides information on Accrediting and Recognized Bodies, Accredited Institutions, and various Accreditation Resources.

In addition it describes the accreditation process, and provides information on methods, objectives and challenges to accreditation, as it is practiced at present around the world. The section does not mean to present or assess any particular method or accrediting body, and veterans of specific accreditation processes may therefore find that their individual experience was different than the general methodology described here.



### IEEE Common Nomenclature for Computing Related Programs in Latin America

This document contains guidelines designed to assist educational institutions, accrediting bodies and other organizations in mapping the category of their computer programs in relation to categories recognized by international organizations as specified in this document.

View IEEE Common Nomenclature for Computing Related Programs:

Please send information about accrediting bodies  
in your section/country to:

Joanne Van Voorhis  
[j.vanvoorhis@ieee.org](mailto:j.vanvoorhis@ieee.org)

Thank you!

# Action for Industry

- ❖ The end objective must be change within IEEE from complacent expectation of support from Industry to commitment by IEEE Board to 'Action for Industry'
- ❖ An intermediate objective is changes must be made to remove obstacles within IEEE to orient the Institute towards industry
- ❖ IEEE R8 Action for Industry will be enabled by engagement with Sections throughout R8.

# Action for Industry

## Year 1

- ❖ Information
- ❖ Reaching out to Industry
- ❖ Support to Sections
- ❖ Actions to create and show IEEE worth to Industry

## Year 2

- ❖ Consolidation of actions through Sections
- ❖ Proposed Changes to IEEE practices and procedures



# Action for Industry

Industry Ambassadors have reached out to Sections and will continue to do so.

- ❖ A sprinkling of good Industry Activity and significant interest in what IEEE could deliver value to Industry.
- ❖ Most consistent response is that IEEE has little of interest to Industry.
- ❖ **AfI** team is analysing and extracting best options for IEEE to serve Industry members – present and potential recruits.



# Action for Industry

- ❖ Roots of IEEE are industry.
- ❖ Ask not what Industry can do for IEEE but what IEEE can do for Industry. Industry has moved on
- ❖ Remove IP obstacles – not acceptable to industry
- ❖ Apply SWOT

# Action for Industry

Some options:

- ❖ Provide a platform for OutReach by Industry to engineers
- ❖ Enable Industry OutReach to schools
- ❖ Selection panel of industry Seniors and Fellows to select best students for Internships – help industry
- ❖ Facilitate access to bright students & YPs - help industry recruiters
- ❖ Multinational diversity in R8 is recruitment opportunity – help industry

# Action for Industry Team

## Team Members



❖ **Nihal Sinnadurai** (UK and Ireland Section), Chair



❖ **Mohamed Amin** (Egypt Section), R8 Industry Ambassador for Middle-East



❖ **John Matogo** (Kenya Section), R8 Industry Ambassador for Africa



❖ **Toni Mattila** (Finland Section), R8 Industry Ambassador for Europe North



❖ **Robert Plana** (France Section), R8 Industry Ambassador for Europe South

# Action for Industry Region Team

- ❖ **All the Sections of Region 8 comprise our Team**
- ❖ **Section Industry Ambassadors**
- ❖ **Section Chair takes responsibility if no Section IA**
- ❖ **Please respond positively and work with us**

# Standards Coordinator



- Coordinator – David Law (UKRI Section)
- Contact between R8 and IEEE-SA and the standards education committee
- Talks and workshops on standards
- European multi-stakeholder platform for ICT standardization (MSP)

# Recent and upcoming events

- IEEE-SA Zambia and South Africa outreach (Nov 14)
  - National standards bodies (ZA/SA), Utilities (ZA/SA), Local Engineering societies (ZA/SA), Ministry of Education (ZA), University/Student Events (ZA/SA)
- IEEE-SA Board of Governors meeting series, Brussels, (Feb 15)
  - Roundtable on interplay of Internet Governance and the Internet of Things
  - Meeting with League of Research Universities (LERU) on Standards Education
  - IEEE-SA Europe Advisory Group and IEEE Policy WG on Standards meeting

# Recent and upcoming events

- Multi-Stakeholder Platform for ICT Standardization (Dec 14, Feb 15)
  - Continued IEEE participation in this European Commission Platform
- Upcoming IEEE-SA Standards Board meeting series (Mar 15)
  - Tuesday 24th to Thursday 26th March 2015, Vienna, Austria
  - Forum on Technology Policy Impact and Import

# Standards speakers, tracks at conferences and meetings

## ■ Targets

- Arrange both individual speakers on standards and/or whole standards tracks at major IEEE R8 conferences. Collaborate with Standards Education Committee (SEC) to arrange workshops on standards in parallel with conferences or as independent events

## ■ Status

- Looking for potential opportunities.



# Standards Education

## ■ Targets

- Encourage IEEE R8 students and faculty mentors to apply for IEEE Standards Education Grants to help with graduate and capstone design projects with an industry standards component
- The IEEE publishes the results as a Student Application Papers
  - See [http://www.ieee.org/education\\_careers/education/standards/applications.html](http://www.ieee.org/education_careers/education/standards/applications.html)

## ■ Status

- Next application deadline 15<sup>th</sup> June 2015

Thank you  
for your attention

Visit:

<http://www.ieeer8.org/category/technical-activities/>