

IEEE Region 8 Technical Activities

August 2017, Sydney



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R8 Vice Chair Technical Activities

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Technical Activities

- ❖ Technical Activities team supports:
 - Technical Activities (mainly events)
 - Educating volunteers/ members & Outreach
 - Collaboration/ integration with industry
- ❖ Technical Activities website:
<http://www.ieeer8.org/category/technical-activities/>

Technical
Activities

Chapter
Coordination

Conference
Coordination

Educational
Activities

Action for
Industry

Standards

Amara Amara

Péter Nagy

Sohaib Qamar
Sheikh

Marios
Antoniou

David Law



France



Hungary



UK & Ireland



Cyprus



UK & Ireland

Technical Activities

My major goals for 2017 remain:

1. Support the SC chairs & members through continuing dialog
2. Empower the SCs to challenge the *status quo*
3. Learn best practice within this role from wider IEEE regions
4. Create a preliminary initiative linking Technical Society expertise to that of the Region
5. Ensure a stable, long-term view on the Region's conference programme
6. Place particular emphasis on Standards & Industry progs.

Technical Activities

1. Chapter Coordination Subcommittee [ChCSC]

- ❖ Amara Amara (France) – Chair

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- ❖ Shaun Kaplan (South Africa)

3. Educational Activities Subcommittee [EASC]

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4. Action for Industry Team

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Working group formed March 2017

- ❖ To clarify the discrepancies in the MGA Operations Manual
- ❖ To include the formation possibility of the Student Technical Chapter in the MGA Operations Manual
- ❖ To adapt the MGA Operational Manuals accordingly
- ❖ To contact other Regions to inform about this activity and to establish future co-operation in this issues.
- ❖ A meeting of the Committee will take place in fall, preliminary discussion during the Section Congress

Follow up of the Workshop on Humanitarian Activities and Chapter Activities

- ❖ Discussions with the HAC initiated by ChCSC Chair in June-July,
- ❖ First conference call on July 2017 between ChCSC Chair and the HAC Chair Laura,
- ❖ Second conference call between ChCSC Chair and Fernando, the Chair of the HAC Partnership Subcommittee,
- ❖ Discussion are on-going regarding an MoU between IEEE HAC and Terre Des Hommes Foundation (International NGO),
- ❖ The approach is to be extended to other NGOs.

Conference Coordination

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Overview

- ❖ Committee website (under Technical Activities)
- ❖ eNotice service (form, approval, TCS, R8 members)
- ❖ Technical Co-Sponsored conferences (see committee website for guidance)
- ❖ IEEE R8 Flagship conferences
- ❖ POCO 2017 in Australia, POCO 2018 in Germany
- ❖ Recent Webinars, Center for Leadership Excellence, IEEE Conference Organizers' Newsletter
- ❖ Request for conference organizer's contact in Section

Flagship Conferences



- ❖ IEEE Africon 2017 (Cape Town, South Africa) 18-20 Sept, 2017
<http://africon2017.org>
- ❖ IEEE Melecon 2018 (Marrakesh, Morocco) 2-7 May, 2018
<http://www.ieee.ma/melecon18>
- ❖ IEEE Energycon 2018 (Limassol, Cyprus) 3-7 June, 2018
<http://www.energycon2018.org>

We encourage you to:

- Host conference in your Section
- Participate in the organisation
- Attend conference

Information sharing

1. Committee Website - [link](#)
2. IEEE Conferences website - [link](#)
3. IEEE Center for Leadership Excellence – [link](#)



4. IEEE Conference Organizers' newsletter - [link](#)
5. Webinars
6. POCO - [link](#)



IEEE POCO
Panel of Conference Organizers

8 – 9 August 2017
Sydney, Australia
Hyatt Regency Sydney



Education Activities

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Team



Sohaib Sheikh (UK & I)
Chair



Stamatis Dragoumanos (Greece)
Member, Pre-University Education



Ana Madureira (Portugal)
Member, University Education



Endika Bengoetxea (Hungary)
Corresponding Member, Continuing Education



Riadh Besbes (Tunisia) Corresponding
Member, Pre-University Education



Alexander Astaras (Greece)
Corresponding Member, University Education

<http://easc.ieeer8.org/>
<https://www.facebook.com/ieeer8EA>
easc@ieeer8.org



Educational Activities

Focus

1. Supporting Section Educational Activities officers
2. Organizing, promoting and supporting educational activities in Region 8

Educational Activities

Planned Activities

1. Section EA Chair online meeting
2. TISP Week 2017

Actions taken

1. Being held on September 13, 2017.
2. See next slide

TISP Week 2017



To learn more: tisp.ieeer8.org

Be part of the amazing IEEE Teacher In-Service Program Week and have fun making your students' eyes shine.

Workshops all over Europe, Middle East and Africa

500+ teachers and volunteers to be trained

*To accommodate the local schedule of schools, some workshops are being held outside the TISP week dates. These workshops will still form part of the TISP week program.



TISP Week 2017

Call is open until September 15th

1 member of Pre-University works responsible for each continent

<http://tisp.ieeer8.org>

Educational Activities

Planned Activities

1. Section EA Chair online meeting
2. TISP Week 2017
3. Region 8 Early Career Faculty Development workshop
4. Accreditation activities

Actions taken

1. Being held on September 13, 2017.
2. See previous slide
3. Working with EAB. Being held in September 2017.
4. Accreditation workshops in Portugal in November 2017. Morocco workshop planning in progress.

Educational Activities

Planned Activities

5. Competition to promote innovative Section Education Activities programs

Actions taken

5. See next slide.

Competition



New educational programs contest

To be announced on September

First phase: Suggest New Ideas. Deadline 15/12/2017

Second phase: Implement top 5 ideas. Deadline 06/2018

Educational Activities

Planned Activities

5. Competition to promote innovative Section Education Activities programs

6. Continuing Education webinar series

7. Online campaign to promote Engineers and Scientists

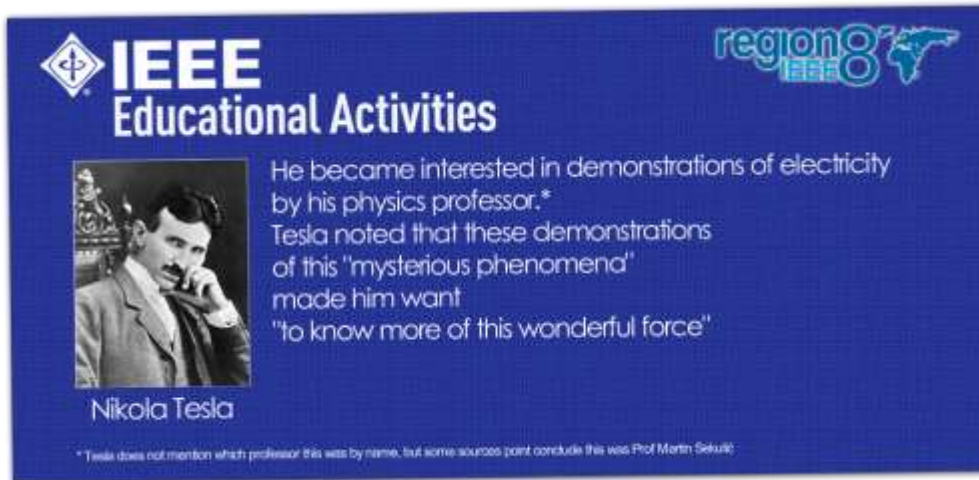
Actions taken

5. See previous slide.

6. Webinar on 'Personal Branding' in October 2017. Working with Industry in Action team.

7. See next slide

Online Campaign



Legendary Engineers' educational turning point Campaign

One engineer per 2 weeks linked with tryengineering.org lesson plans

Each 2 week we will request:

- To guess next engineer

- To request to search an engineer's educational turning point

- To interview alive legendary engineers

Action for Industry

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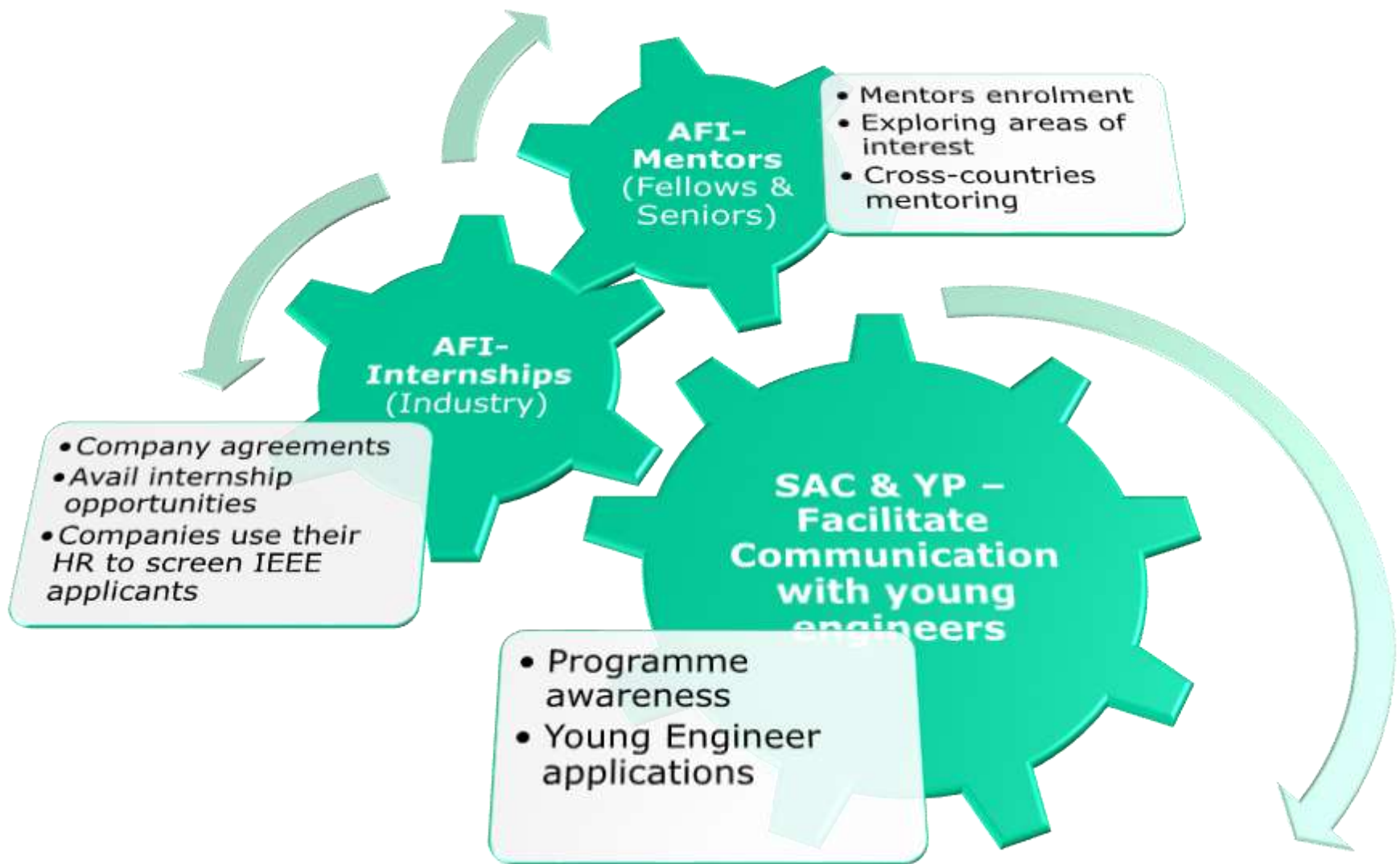
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Progress

- ❖ **Industry Seniors and Fellows have been recruited as Mentors**
- ❖ Briefings about Mentoring are now on the R8 website
<http://www.ieeer8.org/category/technical-activities/action-for-industry/mentoring/>.
- ❖ Industry Mentors are now listed on the R8 website
<http://www.ieeer8.org/category/technical-activities/action-for-industry/mentors/> . Young IEEE engineers can reach out to them for guidance.

Progress

- ❖ Briefings about Internship are now on the R8 website:
<http://www.ieeer8.org/category/technical-activities/action-for-industry/internships/> .
- ❖ Internship offers obtained are listed on the R8 Website:
<http://www.ieeer8.org/category/technical-activities/action-for-industry/internships-offered/> .
- ❖ Companies seek high ability IEEE Students. They will be very selective and those who show commitment, communicate well and have good interpersonal skills. These are most likely to be offered places.



Participating Companies:



R8 has send ***Certificates of Appreciation*** to all the companies that have participated in the Internship initiative.



Standards

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Progress

❖ Recent highlights

- Oct 16: IEEE-SA outreach in Kenya, Rwanda, and Uganda
- Sep 16: IEEE Standards University (ISU) launch
- www.standardsuniversity.org
 - eLearning courses, IEEE Standards education e-Magazine, Massive Open Online Course (MOOC), Standard Simulation Game (available for licensing)

❖ Outlook

- May 17: IEEE-SA BoG meeting in Dublin, Ireland
- Jun 17: IEEE-SA Standards Board meeting in Milan, Italy
- Jul 17: IEEE 802 plenary in Berlin, Germany

❖ Opportunities

- Outreach based on above events or separately
- IEEE Standards Education Student Grants
 - \$500 for student, \$300 for faculty mentors
 - <https://www.standardsuniversity.org/grants/>

