

V/C Technical Activities

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Goals

- Chapter's vitality is closely connected with Section's vitality in the R8 which are one of 3 priorities that R8 has for 2015/2016. Main indicator is reducing the number of inactive chapters in the Region 8. In R8 we have 21 inactive chapters in last three years and ChCSC have to revitalize some of them to avoid dissolving. In autumn 2015 there was only 16 inactive chapters.
- The main goal of CoCSC is to help the organizers of IEEE financially or technically co-sponsored conferences in Region 8 to attend the required excellency. Increase participation of industrials in conferences by suggesting to conference organizers to enable some tracks focused on industry. This is second of the 3 priorities that R8 has for 2015/2016. CoCSC also select the organizers of IEEE R8 flagship conferences.
- Continue SYP Education Track program by working with local organizers to organize TISP (TISP week in October 2016) and EPICS-in-IEEE sessions at IEEE R8 SYP. SYP are third of the priorities that R8 has for 2015/2016. Creating a Region 8 portal for pre-university and university educational activities and providing education through Webinars. Promote education activities focused on the Young Professional members increasing value for the IEEE membership during this transition professional period. EASC is focused to become closer to industry (second priority) by organizing a new line of webinars about the Internet of Things (IoT) which are currently hot topics for the industry peoples.
- Afl establish the Internship and Mentoring programme as part of R8 initiative to build close relationships with Industry.
- Encourage IEEE R8 students and faculty mentors to apply for IEEE Standards Education Grants to help with student design projects with an industry standards component.

Status and Past Contributions

- The ChCSC has received and reviewed a number of new chapter applications, most of these came from student branches. This reflects the good work and effort of this committee in attracting student branch chapters. ChCSC organize IEEE R8 Annual Societies/Councils Representatives workshop to be held in Porto during the R8 autumn meeting.
- The CoCSC has processed a number of technical and financial sponsorship requests. CoCSC selected IEEE R8 flagship organizers (17th EUROCON 2017, Ohrid, Republic of Macedonia, 13th AFRICON 2017, Cape Town, South Africa, 4th HISTELCON, Kobe, Japan and MELECON 2018, Marrakech, Morocco). Organize two free webinars during 2016. The CoCSC prepared a handbook (or "howto") for conference organizers to be sure which steps to take and which forms to submit when and where.
- The EASC has continued organizing and supporting teacher in service program (TISP Workshop at the R8 SYP in Regensburg, Germany.) and EPICS-in-IEEE workshops throughout the Region 8
- Afl established Internship Initiative to support Industry, the team try to convince the companies that IEEE can add value to them, through offer Internships to selected high ability IEEE Students.
- The standards coordinator acts as point of contact between the Region 8 and the IEEE-SA and the standards education committee (SEC). SC promote the importance of standards in meeting technical, economic, environmental, and societal challenges.

Outlook

- ChCSC will assist chapters and students' chapters in operational matters and/or difficulties (activities, elections, reporting, member development, and cross sectional collaboration). Revitalize inactive Chapters by dealing with existing problems in local level and help them to find new progressive leaders. These activities are crucial for the sections vitality.
- CoCSC will select the location, organizers of 2018 Region 8 flagship conferences. Focus is increasing the participation of industrials in the conferences (coordination with IAS) and improvement of the papers quality at IEEE conferences organized in the R8.
- EASC team will promote and expand IEEE Academic program. They will organize Continuous Education webinars series mainly oriented to Young Professionals with synergy to Industry related topics joining students-young-active professionals technical (or management/social) related activities. Focus on engaging the trained TISP volunteers into conducting more teacher training workshops in their localities. Promote EPICS-in-IEEE further, especially in Europe and Middle East.
- Mentoring is support and guidance by experienced professionals in a particular field to develop the professionalism of those less experienced. Afl will encourage Seniors and Fellows to volunteer as Mentors, and Afl will form the list so that young engineers and IEEE students can reach out to the Mentors from the Industry for guidance.
- In October 2016 SC is planning outreach to Kenya, Rwanda, and Uganda the first week of October, in cooperation with the local Sections.

Points of Concern

- The main problem is that most of R8 Sections Chairs don't collaborate with ChCSC subcommittee.
- Not all sections have a dedicated conference coordination officer so the coordination between conference organizers and CoCSC is poor.
- A number of our programs e.g. EPICS-in-IEEE and Tryengineering.org are for university students. Better coordination with R8 SAC and R8 YP committees can help increase the awareness of these programs more and also provide more ways for IEEE members to give back to their communities.
- Possible weak response from the industry from the R8 to the internships.
- SC always looking for potential opportunities for potential individual speakers and/or whole standards tracks.