Standing Committee: Education Activities Subcommittee (EASC) Report April 2013

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

The EASC team in R8 is now comprised by the three coordinators and a broader team of supporting volunteers, as follows:

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

The detailed accomplished and planned activities of the committee are given below.

Past Activities: 4th quarter 2012

- 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
- 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
- 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

Present Activities: 1st quarter 2013

- The team reorganized the EASC webpage hosted in R8 where all the activities and the history of the committee are visible:
  http://www.ieeer8.org/category/technical-activities/educational-activities/
- Webinar: Risk Assessment & Risk Management, Ali Hessami, February 28, 2013
- X Academic Presentation at IEEE Turkish Chairpersons Meeting 2013, Izmir, Turkey, February 4-9, 2013
- TISP Hands-on Workshop and EPICS-in-IEEE presentation at the IEEE Turkish Chairperson's Meeting 2013, Izmir, Turkey, February 4-9, 2013
- X Academic Presentation at Drexel University, Philadelphia USA , February 28th, 2013
- EPICS-in-IEEE awareness presentation at the IEEE UK&RI Student Branch Chair Meeting, London, United Kingdom, March 1, 2013
- X Academic video-conference Presentation at Xplore IEEE at NED University of Engineering and Technology, Carachi, Pakistan, March 8th, 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
- X Academic Presentation during The IEEE Iberian Student Branch Congress, Porto, March 15, 2013
- Webinar: Engineering Analysis of Effective Educational Assessment Techniques, Riadh Besbes, March 26, 2013

IEEE Region 8 Educational Activities Subcommitee (EASC) Meeting, Madrid, 19 April 2013

Future Activities in 2013

Pre-University Future Activities

The main focus will be on increasing the awareness about TISP and EPICS-in-IEEE-in-IEEE in the region through outreach events and training volunteers to align with their local section education activities team. A targeted effort will be made to coordinate with local sections to identify and support pre-university opportunities. A total of 12 events are being planned, organized or supported to achieve this goal. A few of them are highlighted below:

- TISP training workshops (about 5 events), examples:
  1 TISP Middle East, September, 2013.
  2 TISP-on-Tour – A proposal is being planned to organize a number of TISP workshops in R8 in the month of May-June, 2013.
- EPICS-in-IEEE (follow up on 9 project applications, 3 awareness seminars), example:
  1 Three EPICS-in-IEEE applications in Europe and Middle East are being followed up on. More awareness campaigns are being led by the PUW members, our webinars series and the facebook page.
- Outreach activities (about 5 events)
- Webinar Series (four webinars shall be organized this year with the first one on March 26, 2013).
- Document repository – a repository is being developed on the Pre-University portal (http://www.ieeer8.org/category/technical-activities/educational-activities/pre-university-works/) to include a step-by-step guidebook for organizing TISP workshops and initiating EPICS-in-IEEE programs, case studies of previous events, news items and recorded pre-university webinars by senior IEEE volunteers.

University Activities

- Focus will be given on spreading the word about the IEEE-X Academic project to sections and student branches. A series of presentations are prepared about the project to be performed in the next months:
  Central European SBC 2013 - 13-15 May
  Turkish IEEE Students Congress 2013, Cyprus - June
- Coordination of the project in its several frontends:
  1 Guiding student branches on creating and coordinating the local IEEE Academic initiatives.

2 Creating and Reviewing Documentation to make available to both student branches and sections about the project (technical documentation, how to's and project presentations)

3 Interacting with both Moshe Kam and the NIC about defining how the fund management will be performed

4 Coordinating and creating the creation of the IEEE Academic main website as well as the local initiatives template to be used.

5 Contacting sections and student branches to inform them about the project.

6 Give hands-on workshop and informative presentations about the IEEE Academic project

Besides focusing on IEEE Academic, the following activities will be proposed and performed:
1. Technical University Activities News Portal
2. Coordination with R8 SAC to create Student Papers/Articles writing workshops and connect it with Student Paper Contests.

Continuing Education

- A webinar on parallel programming is scheduled April 2, 2013.
- A webinar on Industrial Automation is scheduled early May 2013
- A workshop on Educational Activities in South-East Europe Sections is being scheduled.