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

- IEEE R8 Questionnaire on Continuing Education (CE) / Continuing Professional Development (CPD) – for the Ad Hoc Committee on Africa Activities (AHCAA), November-December 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/
- 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
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.