

On Pre-University education

¶ Teacher In-Service Program Training (TISP) (Bakr Hassan, Saurabh Sinha, Manuel Castro and João Costa Freire)

o A TISP event will take place in Lusaka, Zambia 24-25 September 2010. We expect 75 delegates (50 IEEE members and the rest from education departments). Already registered attendees from 6 Southern and Eastern African countries: Uganda, Botswana, Namibia, South Africa, Swaziland and Zambia. The event is being financed by IEEE EAB PECC (Pre-university Education Coordinating Committee). Additionally, three (3) delegates have been invited from Tunisia. Among the dignitaries to welcome delegates at this TISP, Hon Dora Siliya MP, Minister of Education, has been invited by the IEEE Zambia Section and the Engineers Institute of Zambia (EIZ). João Costa Freire will welcome delegates and say a few words about IEEE educational activities in Region 8.

o Another TISP event is to be organized in Oporto, Portugal on 13-14 November 2010 mainly to Portugal and Spain volunteers, including student branches, with the strong support of Spain and Portugal Sections and their Education Society Chapters. The event financing is supported by IEEE EAB PECC.

o East Saudi Arabia Section has 50 to 70 volunteers from the Industry and Academia and they expect to conduct first TISP workshops in the first Quarter of 2011. Saudi Aramco will provide the cost associated with running the workshops.

¶ TryEngineering (João Costa Freire, Saurabh Sinha and Bakr Hassan)

o A survey on existing activities within knowledge of engineering careers by pre-university students in Region 8 countries and information of IEEE programs on this subject was sent to all R8 Section Chairs last year and the same information was resent to the 18 known Section's EA Officers. However, the answers were very limited (Up to now only 7 out of 58 Sections have answered).

o Up to now only Sections with interest in translation the material to Arabic and Italian have been revealed. For translation of the material to Arabic, Saudi Aramco has agreed to provide the cost of translation based on the estimate provided by IEEE Educational Activities.

o During the visit to South Africa, IEEE President-Elect Moshe Kam met with Engineering Council of South Africa (ECSA), in particular with the founders of the "Engenius" programme (a campaign to promote engineering as a career and preferred profession) to seek possible future collaboration between TryEngineering and IEEE EAB PECC.

o The IEEE South Africa Section has continued to contribute towards lesson plans, which are archived by TryEngineering. Some 2,000+ pages of lesson plans have been developed for deployment to the local system of general education and training (GET) (under the auspicious of the local Ministry of Basic Education).

¶ Engineering Projects in Community Service (EPICS) (Saurabh Sinha) The South Africa Section was the first section to launch the above IEEE new initiative outside the USA. A report appears on the cover page of the IEEE Region 8 newsletter. A further feature has been published in the September edition of "The Institute." On 7 Sept., IEEE President-Elect, Moshe Kam and Saurabh Sinha (in capacity as lead of EAB SEOC) co-lead a forum at the University of Cape Town (UCT), where delegates from Namibia, Zambia, South Africa, Zimbabwe and Uganda were *actively* exposed to the EPICS endeavour in the Western Cape, including a site visit to one of the secondary schools. As a result of the visit, two new EPICS proposals have already been received by the international EPICS committee. On Friday, 24 Sept., a very high-level (closed) dinner is being arranged by IEEE Corporate Services, where Moshe Kam, Saurabh Sinha, Lemba Nyirenda (Interim Administrator EIZ-2010-Act), Stephen Simukanga (Vice Chancellor, Uni. of Zambia) and two other Zambian delegates are expected to meet; the meeting calls for an outcome relating to changes in engineering curriculum in Zambia, in particular the consideration towards including EPICS related modules.

On Continuing Education

¶ Industry Continuing Education Development (ICED) (Bakr Hassan, Andreas Luxa and João Costa Freire) We are cooperating with IRSC on the ICED initiative lead by Ghaleb Al-Dandan.

¶ eLearning (Maciek Ogorzałek and Okyay Kaynak)

The identification of useful subjects for R8 members to be included in future eLearning activities will be analysed. Information on this program will be sent to Sections/Chapters. Their support is needed.

¶ Technical English (João Costa Freire)

Following Russia that had his 4th workshop on 15th of May, Hungary had already started this year its implementation with a first full day workshop on 18th of June attended by 15 students and 5 volunteers.

IEEE eLearning Library (Saurabh Sinha) South Africa Section has launched a Continuing Professional Development (CPD) Programme based on the IEEE eLearning Library (<http://za.ieee-elearning.org/>). CPD is a formal programme in South Africa, and a mandatory requirement for professional engineers, those wishing to maintain their professional registration with ECSA. IEEE Director for Continuing Education, Steve Welch, was instrumental in this setup for the IEEE South Africa Section.

On Accreditation (Saurabh Sinha)

While a highly established signatory of Washington Accord, ECSA exists in South Africa, the same is not true for accreditation of Computing Programmes in South Africa; Towards this IEEE CGAA met at the Cape Peninsula University of Technology (CPUT) on 6 Sept. 2010, and agreed towards future works. A follow-up meeting was setup with ECSA, on 8 Sept., 2010, where Moshe Kam, the Chair of CGAA resolved with ECSA that CGAA will support this initiative, and local South African parties to be involved: South African Institute of Electrical Engineers (SAIEE), Black Information Technology Forum (BITF) and Cape Town IT initiative.

On Sunday 26 September, after the TISP event in Lusaka, Zambia, the EAB CGAA (Accreditation Committee) will hold a meeting (Moshe Kam the chair of CGAA will lead the meeting).

On Friday 8 October, afternoon, before the Region 8 Meeting, in Prague, the EAB is organizing a meeting on Accreditation in the Gulf Area. Will attend this meeting, also lead by Moshe Kam, Chandrabhan Sharma (President of the Caribbean Accreditation Council for Engineering and Technology - CACET) , representatives of Eastern and Western Saudi Arabia, Bahrain, Jordan, United Arab Emirates and Kuwait, Oman and Qatar Sections, members of the EASC (Bakr Hassan, Saurabh Sinha and João Costa Freire) and Doug Gorham, Managing Director, IEEE Educational Activities.

Collaboration with Education Society (Manuel Castro)

EASC and the Education Society are finding new areas of collaboration inside region 8 as the IEEE EDUCON 2011 conference that will be held on April 2011 in Amman.