

IEEE R8 Standards CoordinatorCoordinator: [David Law \(dlaw@hp.com\)](mailto:dlaw@hp.com) (UKRI Section)**1. IEEE position paper standards in the engineering curriculum**Goal

Promote the 'IEEE Position Paper on the Role of Technical Standards in the Curriculum of Academic Programs in Engineering, Technology and Computing' with the various IEEE R8 local and regional accreditation bodies as well as national and regional standards development organisations. Work on the possibility of national and regional standards development organisations endorsing, or adopting this position paper as ANSI already has done so.

Approach

Work with our educational activities subcommittee (EASC), Region 8 towards disseminating the position paper further.

Status

The position paper has been introduced to some national and regional standards development organisations in Europe through IEEE-SA outreach activities.

Budget

None

2. Standards speakers and tracks at conferencesGoals

Arrange both individual speakers on standards and/or whole standards tracks at major IEEE R8 conferences. Collaborate with Standards Education Committee (SEC) to arrange workshops on standards areas such as Smart Grid and IEEE 802 in parallel with conferences or as independent events.

Continue to collaborate with SEC to utilise the 'Standards Education Speaker's Bureau' in R8 which is similar to the existing Distinguished Lecturer program run by societies.

Status

ENERGYCON 2012

The IEEE-SA International Standards Program staff are now working with the EnergyCon 2012 organisers to establish the opportunity for a standards presence at the conference.

IEEE R8 webinar (WebEx)

A one hour IEEE R8 webinar will be held on demystifying standards.

UKRI Section meeting

A keynote on the importance of standards will be provided at the UKRI section meeting on 22nd March.

Smart Grid Smart Grid Seminar and workshop in Denmark

The Denmark section, in cooperation with the Standards Education Speaker's Bureau (SESB), has arranged a one day Smart Grid Smart Grid Seminar and workshop on the 29th March at the Centre for Electro Technology (CET) at Denmark Technical University (DTU).

Aalborg University (AAU)

The Denmark section, in cooperation with the Standards Education Speaker's Bureau (SESB), has arranged a lecture at Aalborg University (AAU) on the 28th March to be given by the speaker that will be in Denmark to provide the Grid Smart Grid Seminar and workshop.

IEEE R8 Student Branch Congress

Planning is in ongoing for a demystifying standards workshop to be provided at the R8 Student Branch Congress to be held this year from 25th to 29th July, 2012 in Madrid, Spain.

London Student Branch Standards Education Workshop

This will be a one day demystifying standards workshop held on 18th September. This workshop will be the pilot for a new addition to the workshop program, a 'simulation' of a 'consensus building task'. The task will have to follow rules similar to that a standards development meeting would operate and as well as being educating, it is hoped it will be more engaging to the participants than the normal presentations.

Other opportunities

In addition the above I will continue to look for other opportunities to cooperate with the SESB.

Budget

In most of these cases the speakers are funded by the IEEE Standards Education Speakers Bureau and the facilities by the conference organiser or local section. The one exception may be EnergyCon 2012 which may require some contribution depending on how large of a standards presence is desired.

3. Standards education

Goal

Provide educational content about IEEE standards, both about the process, for example the inclusion of patented technology in standards, and also about the various standards themselves. (Collaboration with IEEE Standards Education Committee (SEC))

Encourage IEEE R8 students and faculty mentors to apply for IEEE SEC mini-grants program to help with graduate and capstone design projects with an industry standards component. The IEEE then publishes the results as a Student Application Paper. (Collaboration with Student Activities)

Status

Provide educational content

This is being provided mainly through standards tracks at major IEEE R8 conferences and other events (see above).

Student Application Papers

The next deadline for Student Application Paper mini-grant applications is 15th March 2012 so I will target promoting the next deadline of 15th June 2012. I'll do this through the IEEE R8 Standards web site, IEEE R8 news and working with the Student Activities. In addition a MoU was signed with Microsoft to jointly promote and fund this program in sub Saharan Africa which should also be promoted.

Budget

None.