

## **IEEE R8 Standards Coordinator Report March 2011**

### **Goals and status**

The major tasks assigned to the IEEE R8 Standards Coordinator for 2011, with the current status, are summarized below.

Plans for the IEEE R8 committee meeting include an IEEE-SA/IEEE R8 leadership meeting on the afternoon of Thursday 24th March and a workshop on "Standards - Supporting the Industry" during the IRSC Meeting on Friday 25th March.

### **Conferences and Workshops**

#### **Standards speakers and tracks at conferences**

##### **Overview**

Arrange both individual speakers on standards and/or whole standards tracks at major IEEE R8 conferences as well as speakers on standards for other events within IEEE R8.

##### **Status**

Proposing a 'Demystifying IEEE 802 Standards' track at AFRICON 2011 co-sponsored by IEEE R8, IEEE-SA and the IEEE Standards Education Committee. A potential speaker has been indentified and planning to make application for IEEE Standards Education Speakers Bureau funding at 1st April IEEE Standards Education Committee meeting.

At the request of the IEEE-SA facilitated speakers from the German section for "Payment as a Unifying Service for Intelligent M2M Networks - the Telecommunications Model" at CeBIT and for a media roundtable on Smart Grid arranged by [CleanEnergy](#) in Berlin.

#### **Standards workshops for sections**

##### **Overview**

The local section will provide the logistical support and promote the event to local industry and IEEE members. The IEEE R8 standards coordinator will apply for funding from the IEEE Standards Education Speakers Bureau for the speakers. There may also be some additional limited support available for items such as promotion for the event. It is hoped that the IEEE-SA will support these workshops through inviting participation from local standards bodies however the IEEE-SA is still considering this request.

The format of the workshop would be:

1. IEEE Standards (overview, process, participation)
2. Segment on chosen technology area (e.g., IEEE 802 wireless, Smart Grid)
3. Segment from local standards organizations, invited by IEEE-SA

### Status

Working on initial opportunities to pilot these workshops in the Denmark and Benelux sections, as noted above the IEEE-SA is still considering if and how it will support item 3. A list of potential speakers within IEEE R8 is being developed.

## Standards education

### Standards education – Student mini-grants program

#### Overview

Encourage IEEE R8 students and faculty mentors to apply for [IEEE Standards Education Committee 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.

#### Status

Continuing to promote grants through web site, university outreach and plan to promote through collaboration with Student Activities in time for new academic year. An opportunity to partner with industry in sub-Saharan Africa is being progressed by the IEEE Standards Education Committee.

### Standards education – University outreach

#### Overview

The IEEE Standards Education Committee is visiting universities worldwide to meet with faculty and administrators for an exchange of views and data gathering in respect to the inclusion of standard in the engineering curriculum.

#### Status

University outreach took place in December to PSUT (Princess Sumaya University of Technology) and Yarmouk University in Jordan. University outreach visits are planned in March for Strathclyde University and Durham University with additional opportunities in London being investigated.



## [IEEE Policy Paper on the Role of Technical Standards in Curriculum](#)

### Overview

The IEEE Board of Directors adopted the [‘IEEE position paper on the role of technical standards in the curriculum of academic programs in engineers, technology and computing’](#) in June 2009 which was subsequently adopted the ANSI National Policy Committee in 2010.

### Status

Investigating opportunities to promote the policy paper to accreditations bodies, as well as Standards Development Organisations, within IEEE R8.