IEEE R8 Standards Coordinator Report October 2013   David Law

Highlights from the past

- IEEE-SA Standards Board meeting (12th to 14th June), Brussels, Belgium
  - The IEEE-SA Standards Board meeting series, where the IEEE-SA Standards Board and it standing committees meet, was held in Brussels, Belgium on 12th to 14th June. During the meeting series, forums on both Market-Driven Standards and Patent were held.
  - The Market-Driven Standards forum presented two case studies, IEEE Std 802.3 Ethernet and IEEE Std 11073 Health informatics, on how the standards were initiated, how stakeholders came together to work on these standards, how the work was accomplished, and factors that helped them realize market success. There were approximately 50 participants, the forum speakers were:
    - Malcolm Clarke, Chair of the IEEE EMB/11073 Lower Layer Working Group.
    - David Law, Chair of IEEE 802.3 Working Group.
  - The theme for the Patent Forum was 'Perspectives on the role of Standards Development Originations (SDOs) at the intersection of patents, standards, law, and the global economy'. There were approximately 50 participants, with the discussion providing input to the IEEE-SA Patent Committee (PatCom) Enforcement Agencies Challenges Ad Hoc. The forum speakers were:
    - Rudi Bekkers, Eindhoven University of Technology, Dept of Industrial Engineering and Innovation Sciences (IEIS), Assistant Professor of Economics of Innovation and Technical Change at the faculty of Technology Management
    - Thomas Kramler, Deputy Head of Unit, European Commission Competition DG - Information Industries, Internet and Consumer Electronics, Unit C-3
    - Michael Froehlich, Senior Director, EU Intellectual Property & Strategy, at Research In Motion (RIM), former Legal Affairs Director at the European Telecommunications Standards Institute (ETSI)
    - Nikolaus Thumm, European Patent Office, Chief Economist, Executive Secretary for EPO's Economic and Scientific Advisory Board"
  - External meetings and outreach also took place associated with the meeting series.

- Panel Session at IEEE Eurocon 2013 (1st to 4th July)
  - A panel session titled 'IEEE Standards-related activities and trends in smart grids' was held at IEEE Eurocon 2013, subjects covered were IEEE-SA aligning opportunities with global standards, IEEE-SA standardization and related activities for smart grid in power & energy and IEEE-SA Standardization Activities for Smart Grid in Communications & Networking Interactive. The panel speakers were:
    - Max Reigel, Head of IEEE Standardization, Nokia Siemens Networks
    - Samuel Sciacca, SCS Consulting

- UK&RI Student Branch Congress (6th to 8th September)
  - Demystifying standards presentation
    - Dr. Adrian Stephens, the IEEE 802.11 Wireless Local Area Networks (WLAN) 2nd Vice-chair provided a demystifying standards presentation.
  - Presentation of IEEE SEC Student Paper Contest prize
    - The IEEE Standards Education Committee (SEC) sponsored a Student Paper Contest in conjunction with the UK&RI Student Branch Congress and the prizes were awarded during the congress. The subject of the paper contest was 'What has been the impact of standards on one of the following industry segments? Power and Energy; Computers; Communication; Industry Automation; Medical Industry.

- Egyptian Engineering Day 2013 (21st to 22nd September)
  - Dr. Nevin Mahmoud Darwish provided a demystifying standards presentation. The presentation was attended by approximately 55 participants and there was interactive Q&A session afterwards.

- IEEE-SIIT 2013 (24th to 26th September)
  - The 8th International conference on Standardization and Innovation in Information Technology (SIIT) was held at the ETSI facilities in Sophia-Antipolis, France, on 24th to 26th September. The IEEE had been a technical co-sponsor of the conference several times, but this year it was a full IEEE conference for first time, brought in under the IEEE-SA Industry Connections activity. There were five program categories, policy and regulations, standards case studies, ICT standards, Innovation & standardization research and methodologies and standards education.

Future activities

1. IEEE-SA Internet of Things (IoT) Webinar, Wednesday 23rd October at 3:00PM CEST
   a. Email invitations have been sent out for this event, please contact the IEEE R8 standards coordinator if you did not receive an email invitation and would like one.

Points of concern / Topics for future discussion

- Always looking for new opportunities for standards related activities within IEEE R8. The following are just some examples. Please contact the IEEE R8 Standards Coordinator if you have any other ideas or proposals.
  o Potential for standards speakers or panels at conferences.
  o Potential for standards workshop.
  o Potential for Student paper competitions.

Miscellaneous

- Ongoing opportunity for Standards Education Grants
  o IEEE continues to offer grants to both students and faculty mentors to help with graduate and capstone design projects with an industry standards component. The IEEE will publish the results as a student application paper. The grant includes US$500 for students, with an additional honorarium for faculty mentors.
  o See <http://www.ieee.org/education_careers/education/standards/applications.html> for more details.