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BUILDING RELATIONSHIPS

An organization is only as strong as its connection to its members. IEEE networks and conferences serve to enhance the relationship of members to IEEE—and to one another. This philosophy also extends to making connections across industry and other organizations, all with the goal of finding opportunities to expand its core values and mission.

Conferences Succeed Around the World

IEEE sponsors more than 1,300 conferences and meetings worldwide. IEEE is also highly involved in the technical program development of numerous events including trade events, training workshops, job fairs and other programs. Last year IEEE saw the debut of notable new conferences in emerging subject areas and notable new developments at existing conferences.

IEEE Makes a Media Splash at 2013 CES

IEEE once again demonstrated a unified presence at the 2013 International Consumer Electronics Show (CES) with a selection of IEEE publications, societies and IEEE-SA participating in the global event attended by over 100,000 people. During the show, a hologram of Thomas Edison welcomed thousands of IEEE booth visitors and media, including *The Discovery Channel*.

The Edison hologram encouraged CES attendees to visit the Gadget Graveyard at the IEEE Facebook page and nominate the gadget of today they thought would most likely be obsolete in the near future. Key findings revealed that CD-ROMs (75 percent), radios (58 percent), MP3 players (55 percent), DVDs (53 percent), and cable boxes (51 percent) will enter the Gadget Graveyard by the end of 2013.

The IEEE Standards Association demonstrated the importance of standards in enabling consumer connectivity through consensus building by showcasing several of its standards and standards projects under development in health-device communications, home networking, mobile video, smart-grid-into-home devices and electric vehicles.

IEEE GADGET GRAVEYARD

Gadgets most likely to enter by the end of 2013 voted on by CES attendees and Facebook® fans.



CD-ROM
75%



RADIOS
58%



MP3 PLAYERS
55%



DVD
53%



CABLE BOX
51%

Big Data 2013

The inaugural Rock Stars of Big Data conference, held at the Computer History Museum in Mountain View, California on 29 October, attracted more than 325 attendees, as well as nine “rock star” speakers from industry giants and nine sponsors. Featuring some of the top companies in software, healthcare, and entertainment, Rock Stars of Big Data empowered attendees to understand the potential for big data in their businesses, create a big data culture, make big data projects succeed and use big data analytics to make the right decisions.

Similarly, the 2013 IEEE International Congress on Big Data provided the scientific community a dedicated forum for discussing state-of-the-art research, development and deployment efforts for the end-to-end management, storage, sharing, analysis and visualization of very large data sets. The four-day program took place 6-9 October in Santa Clara, California, and included approximately 50 presentations selected from over 300 paper submissions from more than 1,000 authors in 40 countries.

EWeek: National Engineers Week

The 2013 National Engineers Week (17-23 February) marked 20th anniversaries for two of its most popular activities, both launched by IEEE-USA: the Future City Competition and Discover Engineering Family Day. The Future City Competition attracted 33,000 students from 1,100 middle schools around the U.S. for a contest to create their own vision of a future metropolis. The 2013 challenge was to design an environmentally friendly system to manage pollution from storm water runoff.

Discover Engineering Family Day 2013 drew over 9,000 parents, teachers and students to enjoy dozens of hands-on activities as well as presentations by engineers, meetings with STEM celebrities and giveaways provided by local engineering chapters and national organizations to help promote technological literacy and foster an interest in engineering among children.



Spring Shen (left) and Bob Ross (right) prepare to greet 2013 CES attendees.



Tim Berners-Lee, inventor of the World Wide Web, discusses ways to get involved on the cutting edge of web and technology development at South by Southwest.

IEEE Shines at National Events

The IEEE Standards Association raised its profile at two national conferences in 2013. In March, at the HIMSS 2013 Annual Conference and Exhibition in New Orleans, Louisiana, IEEE-SA highlighted the importance of enabling personal health device communications by demonstrating medical devices powered by the IEEE 11073 family of standards, including blood-pressure monitors, glucose meters, weight scales and more. The potential benefits of these advancements include reducing clinical decision-making from days to minutes, reducing gaps and errors across the spectrum of healthcare delivery and helping to expand the potential market for the medical devices themselves.

A new generation of technologists, engineers and entrepreneurs took center stage at the South by Southwest (SXSW) Interactive Festival in Austin, Texas, in March 2013, with the IEEE-SA sharing the spotlight. IEEE-SA worked in conjunction with the World Wide Web Consortium (W3C) to present the Open Future Series, which featured Web inventor and W3C Director Tim Berners-Lee. The series included a myriad of panel sessions to expand the conversation on emerging and evolving technologies. Among the topics panelists discussed were the internet of things, cloud computing, augmented reality, social robotics, mobile development and self-hacking.