

- ▼ What will the enormous increase in video content over the Web do to the future of communications channels?
- ▼ How will digital rights management (DRM) evolve in future communications channels?
- ▼ How will second-screen applications, combined with TV shows, change the use and intercommunication of communications channels?
- ▼ Do we have standardized metadata to support the level of connectivity and interactions that the consumer wants now and in the future?
- ▼ Is there a difference in the ease of social networking and other functions through the Internet versus telecommunications channels?
- ▼ How will the move to thin client mobile devices, such as tablets and smartphones, combined with cloud services and storage, impact the use of the Internet versus traditional telecommunication channels?



FIGURE 2. A Google+ Hangouts screen next to the Grand Debate podium. (a) and (c) Stagg Newman speaking from Argentina. (b) Dave Farber from Philadelphia. (d) The GLOBECOM 2012 audience.

Unfortunately, Farber had a health problem that prevented him from coming to Anaheim. Newman, three days before the debate, had to go to Argentina. However, both still hoped to fulfill their duty at the Grand Debate. Cerf was able to facilitate their participation through the use of his company's Google+ Hangouts, and Newman had

Last-minute technology hook-ups are never easy, and consequently, the debate time was reduced to 30 min, leaving little time to address the carefully designed questions. Nevertheless, everyone learned a little about the potential conflict between the Internet and telecommunications.

Frankston published his position in the "Soapbox" column in the January issue of *IEEE Consumer Electronics Magazine*. The remaining topics are of particular significance to the CE Society and Communications Society as there is now a shifting paradigm caused by the Internet, both in network infrastructure and consumer devices.

—Narisa Chu

A Remarkable Year and Looking Forward at the Santa Clara Valley CE Society

The year 2012 was an exciting one for the consumer electronics industry, and the IEEE Santa Clara Valley (SCV) Consumer Electronics (CE) Society also had another banner year of member activities. Through great team work, the SCV CE Society won the IEEE SCV

Section Chair Special Award for outstanding activities and corporate partnership.

The year kicked off in January with the CE Society meeting, the Annual CES Download. Those who did not visit the Consumer Electronics Show (CES) were treated to an exciting 90-min summary of some of the most interesting new CE devices from the show. The presentation was given by IEEE CE Society

members Gary Sasaki, Tom Coughlin, and Mike Demler.

In February, we had our first overseas speaker, Gopi Kumar Bulusu, chief executive officer of Sankhya Technologies, Chennai, India, deliver his lecture titled “Building Innovation Platforms for CE Product Development.”

The March event and venue were sponsored by the Embedded System Conference held at the San Jose

Convention Center, California. Through this partnership, we arranged a platform for promoting the IEEE CE Society, and we had the Intel director speak on “Tablet Computing—Key Mobile Technology Trend for 2012 and Beyond.”

The rest of the year’s monthly CE Society meetings featured many prominent speakers from Google, NVIDIA, HID Global, Inside Secure, BMW, Silicon Image, TechPM, Nanosys, and Macronix, and attendance ranged from 50 to over 135 people.

In addition to being an association sponsor and able to negotiate discounted conference fees for IEEE members at the Embedded System Conference, the SVC CE Society participated as an event sponsor at the IDC 2012 Smart Technology Conference in San Francisco and the WIMA NFC USA Conference in Burlingame.

The SVC CE Society also forged partnerships with the Silicon Valley China Wireless Association in a cross-organizational events promotion. With over 5,000 members worldwide, the Silicon Valley China Wireless Association is a nonprofit organization that acts as a link between the technology industries in China and the United States.

A big thanks to Tom Coughlin for obtaining approval for our free CE Society membership program. We have recruited over 60 new CE Society members.



With over 5,000 members worldwide, the Silicon Valley China Wireless Association is a nonprofit organization that acts as a link between the technology industries in China and the United States.

2013 GROWTH AND DIVERSITY

Expanding the scope of CE from traditional mobile devices, the SCV CE Society meeting is following the path of the CES show. The group is moving to a new venue at the Microsoft Conference Center in Mountain View, California. New topics for 2013 include VoLTE, three-dimensional

(3-D) printers, headphones and surround sound, 3-D display technology, and connected homes. On the component side, Corning will be speaking about advances in glass for devices, and there will be new speakers on automotive infotainment technologies, mobile storage, and RF technologies such as NFC.

These speakers come from small innovative companies that are the next generation of the CE device space as well as established firms, such as Intel, Dolby, and Imagination Technologies. As the CE community pushes further into new markets beyond the mobile device and home media market, the SCV CE Society strives to bring these new ideas, standards, and technologies to the forefront of our membership. Please visit www.ieee.org/scvce for our list of exciting events in 2013.

—Joseph Wei
Chairman

IEEE Consumer Electronics Society
Santa Clara Valley

—Pallab Chatterjee
2013 Program Chair
IEEE Consumer Electronics Society
Santa Clara Valley

2012 Report on the Bangalore Chapter

The Bangalore Chapter of the IEEE Consumer Electronics (CE) Society experienced a year of value-added activities in 2012, which was its second year. A number of workshops were organized and crucial

relationships established between industry and academia. The activities were conducted to target the professional and student communities in and around Bangalore.

- ▼ Innovation workshops were held for students at various colleges.
- ▼ Innovation workshops were held for professionals, and they were very well received.

▼ A second graphics workshop for industry professionals was organized, and it received very good participation.

▼ Chapter Secretary Sudeendra Koushik presided over the annual technical symposium Kagada at the University Visvesvaraya College of Engineering (UVCE) held in November 2012.