their commute to circumvent congestion and locate the nearest charging station. With the tremendous amount of data collected via sensors, safety, and road data, there are great convergences of cloud computing, life science, and smart grid for cleaner, more efficient, connected, and safe vehicles.

—Tom Coughlin
Chair of the CE Society Future
Directions Committee

The Context for GCCE

The IEEE Consumer Electronics (CE) Society continues to be one of the hot topics within the IEEE public visibility campaign. CE converges and interfaces with many other fields including communications, power grid, and health care, which have enormous ramifications for and value to humanity. CE products include TV and display technologies, audio-visual processing and streaming, wireless and radio frequency in CE, home networks and services, mobile computing and communications, automotive entertainment and information, user interfaces and experience in CE, security and rights management, storage and digital media, smart grid, home medical and health care, embedded technologies, green energy, and enabling technologies. These technologies blur the boundaries between countries to create a diverse technical community reaching consumers around the world.

The IEEE Global Conference on Consumer Electronics (GCCE) 2013 was honored to have had the support of Mr. Hideo Fuseda, group manager, Communication Standard Group, Japan Ministry of Internal Affairs and Communications, and Mr. Hisashi Sekine, director, Digital Consumer Electronics Strategy Office, Japan Ministry of Economy, Trade, and Industry.

If you would like to be a part of one our conferences, please contact me at stephendukes@ieee.org.

We are privileged to have the opportunity to thank you for attending the second GCCE in Makuhari, the greater Tokyo area, Japan. This memorable conference took place in the International Conference Hall of Makuhari Messe simultaneously with CEATEC Japan 2013, which is one of the biggest CE shows in the world.

—Stephen Dukes
Vice President, Conferences,
IEEE CE Society

An Overview of the Second IEEE GCCE

The second IEEE Global Conference on Consumer Electronics (GCCE 2013) was held in Tokyo, Japan, on 1–4 October 2013. This conference was modeled on the long-established—now more than 50-year-old—IEEE Consumer Electronics (CE) Society flagship conference, the IEEE International Conference on Consumer Electronics (ICCE), which is held annually and colocated with the CE Society trade show in Las Vegas.

GCCE is held in conjunction with the Japanese Consumer Electronics Show (CEATEC Japan) and, in Japan, this conference has the support of the CEATEC, for which we are very grateful. Such cooperation allows delegates to attend a very important CE show and attend our conference in the same visit to Japan. Due to the cooperative relationship with CEATEC, GCCE attendees are welcomed to CEATEC Japan, and our keynotes and symposiums are open for CEATEC attendees. This is an exemplary effort to exchange information and knowledge of trends and agendas in the CE field across members of more than 15 professional engineering societies.

The IEEE CE Society has already held two successful conferences, the ICCE in Las Vegas in conjunction with the Consumer Electronics Show and ICCE–Berlin in conjunction with IFA. The GCCE is a sister conference of the ICCE and the ICCE–Berlin and is held in conjunction with the CE show CEATEC Japan as well. As a result, the IEEE CE Society has three annual conferences in conjunction with famous and large CE shows in three regions—the United States, Europe, and Asia—every year.

CONFERENCE STATUS AND IMPACT

The conference offers a venue for engineers, scientists, and researchers from the academic community and industry to present papers on technology innovation and professional networking. CE is an exciting segment focused on the latest research and technology