

Co-Organizers:
Consumer
Electronics Society
Susquehanna
Section

**Organizing
Committee**

General Chairs:
Aldo Morales
Sedig Agili

Program Chair:
Sung Jea Ko

Finance Chair:
Sedig Agili

**Local
Arrangements
and Logistics
Chairs:**
Cheryl Ebel
AB Shafaye

**Publicity and
Sponsorship
Chair:**
Tim Wickard

**Publications
Chairs:**
S. Y. Kulkarni
Sedig Agili

**International
Coordinators:**
Stefan Mozar,
Australia

Simon Sheratt,
UK

Conference
Coordinator:
Charlotte Kobert

Venue:
Hilton Harrisburg

**Technical Co-
Sponsor:**



IEEE

ISCE 2012



**International
Advisors:**

The 16th IEEE International Symposium
on Consumer Electronics
and
6th Annual Symposium on Signal Integrity

June 4-6, 2012, Harrisburg, Pennsylvania, USA

Call for Papers

<http://isce.ieee-cesoc.org>

Conference Theme: The Connected World

The 16th IEEE International Symposium on Consumer Electronics (ISCE 2012) will be held during 4-6, June 2012, in Harrisburg, Pennsylvania, "The Connector Capital of the World" and also the capital of the state of Pennsylvania. The annual ISCE conference aims to bring together the researchers and engineers from industry, research-centers and academia to exchange information and results of recent research on circuits, systems, technologies, processes and applications pertaining to consumer electronics.

It will provide an excellent forum for the researchers, system developers, and service providers to share their ideas, designs, and experiences. ISCE 2012 invites submissions of technical papers for oral and poster presentations. Papers reporting new developments in all areas related to consumer electronics are acceptable, including high speed connectors, signal integrity, and not limited to those listed below. All papers will be published in IEEE Xplore.

Authors of accepted and presented ISCE papers are invited to submit enhanced and journal quality papers to the Transactions on Consumer Electronics. Authors should read the Instructions for Authors at http://www.ewh.ieee.org/soc/ces/publications_trans_ce.html and use the paper template on that site. The papers can be submitted anytime but the paper should make clear reference to the original ISCE paper and give a clear description of how the paper differs from the ISCE paper.

Basic Technologies for Consumer Electronics

- Multimedia Signal Processing (including Compression, Decompression and Signal, Image and Video Processing Techniques)
- Audio Visual Capture, Storage and Recording
- User Interface and Human Computer Interaction
- Display System Design and Implementation
- Energy Efficient & Energy Aware System Design

Abdul Wahab, Malaysia
Aldo Morales, USA
Angelo Perkusic, Brazil
Antonio Navarro, Portugal
Ashwini Nanda, USA
Edward Pan, Canada
Fernando Pescador, Spain
Hector Torres, Chile
Hsueh-Ming Hang, Taiwan
Jesus Garcia-Guzman,
Mexico
Jorge Him, Panama
Konstantin Glasman,
Russia
Kousik Sankar, India
Mohammad Sharawi,
S Arabia
Mohsen Kavehrad, USA
Nadarajah Sriskanthan,
Sri Lanka
Peter Idowu, USA
Reinhard Moeller,
Germany
Robin Bradbeer, Hong
Kong
S.Y. Kulkarni, India
Scott Linfoot, UK
Sedig Agili, USA
Seth Wolpert, USA
Sharon Peng, USA
Stephen Dukes, USA
Steve Chao, Taiwan
Sung Jea Ko, Korea
Tae-Sun Choi, Korea
Takako Nonaka, Japan
Teodor Buburuzan,
Germany
Tomohiro Hase, Japan
Ulrich Reimers, Germany
Uwe Kraus, Germany
Wen-Chung Kao, Taiwan
Yu Yuan, China



Key Entertainment and Information Systems

- Home Entertainment Systems (including Audio, Video and Gaming)
- Automotive Entertainment and Information Systems
- Interactive Digital Media and Virtual Reality Environment
- HD, 3D and Interactive TV Technology
- Digital Imaging and Camera Technology (including Still, Video and Multiprojection Camera Systems)

Consumer Electronics for Health-care & Wellness

- Telemedicine
- Medical Instrumentation and Diagnostic Systems
- Health Care and Support Systems for Old People
- Support Systems for Physically Challenged
- Teaching Aids and Smart Class Rooms

Enabling Technologies and Others

- Radio Frequency Interfaces and Applications (including RFID Techniques and Communication Interfaces)
- High Speed Connectors
- Signal Integrity
- Wireless and Mobile Communication
- Web Technologies and Home Networking
- Security and Rights Management including Steganography, Watermarking, all aspects of

Digital Rights Management, IP and Licensing etc.

- Open Source in CE Applications
- Cloud Computing and Smart Grid for CE
- Product Safety of Consumer Electronics

Tutorials: are scheduled during the Conference. Brief proposals should be submitted to the Tutorial Chair Dr Fernando Pescador (email: pescador@sec.upm.es). Proposals must include title, summary, detailed outline, as well as bio and contact information for the presenter.

•Abstract Due Date: February 26, 2012

•Notification of Acceptance: March 23, 2012

•Final Paper: April 27, 2012