



## IEEE ISCE 2015



The 19<sup>th</sup> International Symposium on Consumer Electronics

**June 24-26 2015, UPM, Madrid, Spain**

**Main topic: The future of video applications**

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

The IEEE Consumer Electronics Society is pleased to announce the 19<sup>th</sup> International Symposium on Consumer Electronics. ISCE 2015 will provide a forum for researchers, system developers, and service providers to share ideas, designs, and experiences. Participation from academia, industry and government is welcome. ISCE 2015 invites submissions of technical papers (2 pages) for oral and poster presentations. Additionally workshops and special sessions can be organized in parallel with the workshop.

**Paper Submissions Deadline: March 14<sup>th</sup>, 2015**

**Notification of Acceptance: April 24<sup>th</sup>, 2015**

**Camera-ready Paper: May 8<sup>th</sup>, 2015**

Papers reporting innovations and new developments in all areas related to Consumer Electronics are invited, including but not limited to the following topics:

**Entertainment & Services:** PVR, Cloud Services, Internet Integration, Home Robotics, Multimedia Control, Gaming Technology, Personal Multimedia Devices, Handheld & Wearable Computers, Smartphone and Tablet Apps, Applications for Connected TVs.

**Image & Video Processing:** Still & Video Cameras, Encoding/Decoding, Applications & Implementations, Error Correction & Concealment, Quality & Sharpness Enhancement, 3D Video, Color Processing, Embedded Computer Vision, GPU Processing, Multicore Video Processing, Video Standards.

**A/V Systems:** Audio Applications, Content Indexing, Recording, Storage, Distribution, Transmission, New Digital TV Services, Hybrid TV distribution, Quality of Experience, Streaming & Video on Demand, Digital Rights Management, Watermarking, Immersive Technologies, Content Recommendation.

**RF & Wireless:** Antennas, Acquisition, Digital Modulation Systems, Interference, Equalization, Spectrum Usage, Software Radio, Wireless LAN, 802.11 Standards, Bluetooth, RFID, WPAN, UWB, Mobile Broadband, Next Generation Cellular, Cloud-based Communication, 4G LTE Communications.

**Network Technology:** Wired & Wireless Multimedia, Interconnects, QoS, Network Security, High Speed Signals & Interconnects, Peer-to-Peer, Personal Area Networks, Internet Appliances, Home Control, Bridges, Interoperability, Application Control, Privacy, Social Networks, Sensor Networking.

**Automotive Entertainment, Safety & Information:** Navigation, A/V Systems, Assistive Technology, Driver Assistance, Networks & Communication, Sensors and Control, In-Car Entertainment, Speech Interfaces, Automotive Camera Systems, Augmented Reality, Location-based Services.

**Enabling Technology:** Development Tools, Test Equipment, Power and Conventional Batteries, Energy Management, Smart Grids, Recyclable/Green Engineering, Intellectual Property, Embedded & Reconfigurable Hardware, Memory & Storage, Biometrics, Assistive Technology, Healthcare Systems, Human-Device Interfaces, Haptics.

*• All papers in ISCE proceedings will be submitted to IEEE Xplore for indexing. Please note that IEEE reserves the right to exclude a paper from distribution after the conference. If the paper is not presented at the conference it will be removed from IEEE Xplore.*

*• Authors of accepted and presented ISCE 2015 papers are encouraged to submit enhanced and journal quality papers to the Transactions on Consumer Electronics. Authors should read the CE IEEE website <http://cesoc.ieee.org/> and use the paper template. The paper should make reference to and give a clear contribution from the ISCE 2015 paper.*

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