



IEEE ISCE 2017

The 21st International Symposium on Consumer Electronics
14 – 15 November 2017, Kuala Lumpur, Malaysia

<http://www.isce2017.my>

The IEEE Consumer Electronics Society is pleased to announce the 21st International Symposium on Consumer Electronics. ISCE 2017 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 2017 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.

Entry Deadline for Submissions (All Categories)
2-pages Short Paper Submission (All Categories)
Notification of Acceptance
Visa Desk Opens (for Accepted Authors)
Deadline of Early-bird Registration
Final Paper Submission

July 15, 2017
July 15, 2017
Aug 10, 2017
Aug 25, 2017
Aug 31, 2017
Aug 31, 2017

Scope and Topics for CFP

IoT and Cloud Computing: IoT building blocks, New communication technologies, Smart Cyber Physical System, Open Data, Internet of Things and Application to Consumer Electronics, Consumer Centric Internet of Things, Cloud and Fog Computing.

Entertainment & Education: PVR, Internet Integration, Home Robotics, MultimediaControl, Gaming Technology, Personal Multimedia Devices, Handheld & Wearable Computers, Smartphone and Tablet Apps, Applications for Connected TVs, e-Learning Technologies & Their applications, Game Amusement, Virtual Reality, Augmented Technology.

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

Home and Digital Lifestyle: Artificial Intelligence & Embedded Systems, Robotics, Evolutionary Computing, Sensing Technologies and Applications for Consumer Services, Health Monitoring, Personalized Biomedical Technologies, Wearable Consumer Devices, Cloud Computing, Data Mining, Big Data, Web and Internet Computing

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. Formal approach to Consumer Electronics, Recent Advancements in Cyber Security, System and Application.

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.

Organizing Committee

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