



ISCE 2010



The 14th IEEE International Symposium on Consumer Electronics
June 07-10, 2010, Braunschweig, Germany

Call for Papers

The 14th IEEE International Symposium on Consumer Electronics (**ISCE2010**) will bring together researchers and engineers from industry, research centers and academia to exchange information and results of recent work on systems, circuits, technologies, processes and applications.

ISCE2010, the 14th in the annual series held since 1997, will provide a forum for researchers, system developers, and service providers to share ideas, designs, and experiences. ISCE is a truly international event and a sister conference to the successful International Conference on Consumer Electronics (ICCE) held in the USA.

Braunschweig is a beautiful city in the centre of Germany. It was founded about 1000 years ago. In 2007 Braunschweig was the national „City of Science“ in recognition of its outstanding line-up of research institutions.

Topics

ISCE2010 is asking for submissions of technical papers for oral and poster presentations. Student papers are particularly encouraged. Papers reporting new developments in all areas of consumer electronics are invited, including but not limited to those listed below.

All papers will be published at IEEE Explore. Besides, full length versions of the best papers from the ISCE Conference, not published elsewhere, can be submitted for publication consideration in the IEEE Transactions on Consumer Electronics.

HOME ENTERTAINMENT

Digital Television, Digital Radio, Hybrid Receivers, Game Systems, Internet Integration, Next-Generation Disk Storage, In-Home Networks, Displays

MOBILE COMPUTING and COMMUNICATIONS

Mobile Broadband, Mobile TV, Handheld and Wearable Computers, Personal Multimedia Devices

AV TECHNOLOGY

Still and Video Cameras, Analog and Digital Audio, 3D Video, Recording, Storage Compression, Transcoding, Applied Signal Processing, Content Indexing, Networked AV, Video Enhancement, Visual Quality Assessment

RF and WIRELESS

Antennas, Acquisition, Equalization, Spectrum Usage, Software Radio, Wireless LAN, IEEE 802.11 Standards, LTE, Bluetooth

AUTOMOTIVE ENTERTAINMENT and INFORMATION

Navigation, AV Systems, Driver Assistance, Networks, Communication Aspects, Sensors and Controls

USER INTERFACE and HUMAN COMPUTER INTERACTION

Human Factor, User Centered Design, Usability, User Experience, Accessibility

SECURITY and RIGHTS MANAGEMENT

Copy and Redistribution Protection, Payments, Trusted Computing, Parental Controls, Legal and Regulatory Issues, Data Collection, Biometrics, Privacy, Encryption

ENABLING TECHNOLOGIES

Advanced Semiconductors, High Speed Signals and Interconnects, Algorithms, OS, Development Tools, Intellectual Property, Special-Needs/Assistive Technology, Recyclable/Green Engineering, Manufacturing and Test Technology for Consumer Electronics, Product Safety, White Goods, Storage Technology

General Chair

Ulrich Reimers, Germany

International Coordinator

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Rüdiger Kays, Germany
Uwe Kraus, Germany
Thomas Kürner, Germany
Scott Linfoot, UK
Wayne Luplow, USA
Martin Weiser, Germany
Albrecht Rothermel, Germany
Joachim Speidel, Germany
Lars Wolf, Germany
Larry Zhang, USA

Important Dates

Abstract Submission:

Jan. 29, 2010

Notification of Acceptance:

Feb. 26, 2010

Camera-ready Submission
& Early Bird Registration:

Apr. 16, 2010

For More Information Contact

<http://www.isce2010.org>

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