



## The 1st IEEE International Conference on Consumer Electronics 6 - 8 September 2011 in Berlin



Hochschule für Angewandte Wissenschaften Hamburg  
Hamburg University of Applied Sciences



Freie Universität Berlin



### Organizer



Consumer Electronics Society

### Co-Organizer



German Chapter IEEE CE

### Important Dates

Abstract Submission deadline:

**17 April 2011**

Notification of Acceptance:

**24 May 2011**

Final Paper Submission deadline:

**7 July 2011**

**Paper Submission** at the ICCE-Berlin Website <http://www.icce-berlin.org>

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## CALL FOR PAPERS

The IEEE Consumer Electronics Society's flagship conference is held annually in Las Vegas. It is held in conjunction with the Consumer Electronics Show, and this combination is very successful. The success of the ICCE has led to create a new "sister" conference, the 1st IEEE International Conference on Consumer Electronics - Berlin 2011 (ICCE-Berlin). This conference is in addition to the Las Vegas ICCE. It will be held from the 6th to 8th September in Berlin in parallel with the IFA, the leading trade show for Consumer Electronics and Home Appliances. Berlin, a birthplace of consumer electronics, is one of Europe's most exciting cultural centres and a vibrant city. The conference will bring together researchers and engineers from industry, research centres, and academia to exchange information and results of recent work on systems, circuits, technologies, processes, and applications. It will provide an excellent forum for the researchers, system developers, and service providers to share their ideas, designs and experiences.

ICCE-Berlin 2011 is asking for submissions of technical papers for oral and poster presentations. Prospective authors are invited to submit a 2-page abstract in any of the technical areas below as well as in other areas related to consumer electronics. The final paper may extend up to 5 pages. All accepted and presented papers will be published by the IEEE and will be available on IEEE Xplore. Student papers are particularly encouraged. The conference focuses particular on mobility aspects in all areas of consumer electronics; this includes but is not limited to the following topics:

#### Audio and Video Technology

- DVBT and HDTV
- Audio Image and Video Processing
- Audio-Visual Recording and Storage
- Display Systems
- HD and 3D Video
- Smartphone
- Universal Touch Pad Application

#### Entertainment and Games

- Video Handheld
- IPTV-Game System
- Networked AV/Multimedia

#### Car Electronics

- Automotive Computing
- AV & In Car Networking
- Driver Assistance
- Automotive Entertainment

#### Consumer Networks

- Home Networking and Home Gateways
- Emerging Network Architectures
- Networking Standards
- Security and Privacy

#### RF & Wireless

- Antennas
- Modulation and Coding
- Software Radio
- Spectrum Usage
- Channel Equalization, MiMo and Diversity
- Mobile Reception

#### Human-Device Interaction

- User Centered Design
- Usability/Accessibility
- Haptics

#### Sports, Wellness and Healthcare

- Support systems for people with special demands
- Vital Parameter Monitoring
- Telemedicine
- Personal Robotics

#### Energy Harvesting and Efficiency

- Energy Generation, Storage and Management
- Devices
- Wireless Energy

#### Product Safety Engineering

### President IEEE CE Society

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