The 2nd IEEE International Conference on Consumer Electronics – *Berlin*, 3 – 5 September 2012

IEEE VDE ITG IFA Berlin, 31.8.–5.9.2012

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CALL FOR PAPERS

The IEEE Consumer Electronics Society's flagship conference "ICCE" is held annually in Las Vegas in conjunction with the Consumer Electronics Show, and this combination is very successful. The success of the ICCE has lead to create a new "sister" conference, the IEEE International Conference on Consumer Electronics – Berlin ("ICCE-Berlin"). It is held from the 3rd to 5th September 2012 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 again 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 2012 is asking you 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 especially on mobility aspects in all areas of consumer electronics. It 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
Stephen Dukes, US

VDE Representative
Volker Schanz, DE

International Coordinators
Stefan Mozar, AUS
Simon Sherratt, UK
Heinz-Helmut Schramm, DE

Important Dates

Abstract Submission Deadline:
5 April 2012

Notification of Acceptance:
18 May 2012

Final Paper Submission Deadline:
30 June 2012

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

Keynote Speakers

Kees Immink
Turing Machines, NL

Ulrich Reimers
TU Braunschweig, DE

More Keynotes Coming Soon

ICCE-Berlin 2012 website: http://www.icce-berlin.org

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