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

RF & Wireless
• Antennas
• Modulation and Coding
• Software Radio
• Spectrum Usage
• Channel Equalization, MiMo and Diversity
• Mobile Reception

Entertainment and Games
• Video Handheld
• IPTV-Game System
• Networked AV/Multimedia

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

Important Dates
Abstract Submission Deadline: 5 April 2012
Notification of Acceptance: 18 May 2012
Final Paper Submission Deadline: 30 June 2012

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

Samad Ahmadi, GB  
De Montfort University

Francisco Bellido, ES  
Universidad de Cordoba

Robin Bradbeer, HK  
VP, Int. Affairs, CE Society

Karlheinz Brandenburg, DE  
TU Ilmenau, Fraunhofer IDMT

Teodor Buburuzan, DE  
Volkswagen

Tom Coughlin, US  
Coughlin Associates

Daniel Díaz Sánchez, ES  
Universidad Carlos III de Madrid

Richard Doherty, US  
The Envisioneering Group

Stephen Dukes, US  
President, IEEE CE Society

Wai-Chi Fang, TW  
National Chiao Tung University

Jim Farmer, US  
Enablence Technologies

Bob Frankston, US  
Consultant

Nahum Gershon, US  
The MITRE Group

Konstantin Glasman, RU  
St Petersburg State University

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Ryokoku University

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Turing Machines

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Korea University

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Eindhoven University of Technology

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University of Wuppertal

Takako Nonaka, JP  
Shonan Institute of Technology

Sharon Peng, US  
Harman Becker

Fernando Pescador del Oso, ES  
Universidad Politécnica de Madrid

Ulrich Reimers, DE  
TU Braunschweig

Ulrich Reiter, NO  
Norwegian University of Science and Technology

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Fraunhofer HHI, Berlin

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University of Milano-Bicocca

Nicholas Chan Hua Vun, SG  
Nanyang Technological University

Tom Wilson, AT  
emotion3D GmbH

Yu Yuan, US, CN  
IBM Research

Larry Zhang, US  
ICERA

Rainer Zwing, DE  
C.R.S. iiMotion GmbH