



# 2016 ICCE-Berlin



## The 6<sup>th</sup> IEEE International Conference on Consumer Electronics – Berlin, 4 – 7 September 2016



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Consumer  
Electronics  
Society



### Co-Organizer



German  
Chapter  
IEEE CE

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#### Conference Coordinators

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Jasmin Kayadelen  
VDE/ITG, DE

## CALL FOR PAPERS

The 6<sup>th</sup> IEEE International Conference on Consumer Electronics – Berlin (“ICCE-Berlin”) will be held from the 4<sup>th</sup> to 7<sup>th</sup> September 2016 in Berlin in parallel with the IFA, the leading trade show for Consumer Electronics and Home Appliances. The ICCE-Berlin is the European sister conference of the IEEE Consumer Electronics Society’s flagship conference “ICCE” held annually in Las Vegas in conjunction with the Consumer Electronics Show. Now in its 6th edition, ICCE-Berlin is well established and fully integrated in the IFA and continuously growing. This year again the IEEE CE Society is joining forces with other IEEE societies to broaden and strengthen the CE subjects and scope of the conference: the EMC Society, the Product Safety Engineering Society, the Reliability Society, and the Society of Social Implications of Technology.

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 in such a proper environment as the IFA. We have some of the world’s leading experts giving keynote speeches, and also high quality tutorials as well as panel discussions. There will be a doctoral workshop as well as a seminar and a social event for Young Professionals.

IEEE 2016 ICCE-Berlin 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 and aspects of mobile devices**. The final paper may extend up to 5 pages. All accepted and presented (!) papers will be sub-mitted to IEEE Xplore for publishing. Additionally, and new for 2016, we also encourage submission of abstracts for technical presentations within the **industry track**, for which no associated academic paper is required or published.

**Audio and Video Technology**  
**Smart Objects and Mobile Devices**  
**Entertainment and Games**  
**Car Electronics**  
**Consumer Networks**

**RF & Wireless**  
**Human-Device Interaction**  
**Sports, Wellness and Home Healthcare**  
**Smart Energy**  
**Product Safety Engineering**  
**Sustainable Electronics**

The conference committee also welcomes contributions related to consumer electronics from the associated IEEE societies of electro-magnetic compatibility, life sciences, product safety engineering, reliability, and social implications of technology.

### President IEEE CE Society

Sharon Peng, US

### VDE Chair

Ralf Schäfer, DE

### IEEE CE Society VP of Conferences

Stephen Dukes, US

### Liaison to CE Society

Steve Diamond, US

### Leaders of the joining IEEE societies:

Frank Sabath, Electro  
Magnetic Compatibility  
Society

Mike Maynard, Product  
Safety Engineering  
Society

Christian Hansen,  
Reliability Society

Dona Hudson, Life  
Sciences Technical  
Community

Greg Adamson, Society  
on Social Implications of  
Technology

### Important Dates

**LAST** Abstract  
Submission Deadline:

**7-April-2016**

**2 May 2016**

**NEW** Notification of  
Acceptance:

**24-April-2016**

**20 May 2016**

**NEW** Final Paper  
Submission Deadline:

**15-May-2016**

**30 May 2016**

### Paper Submission

at the ICCE-Berlin  
website [www.icce-berlin.org](http://www.icce-berlin.org)



## Keynote Speakers

Coming soon

## Tutorials

Coming soon

## Doctoral Workshop

for PhD students

## Seminar and Social Event for Young Professionals

see more at

[www.icce-berlin.org](http://www.icce-berlin.org)

Within the above subject areas or domains, the IEEE 2016 ICCE-Berlin especially requests contributions on the following subjects:

### Audio and Video Technology

- Recording, Processing, Storage and Broadcast
- 4G and 5G AV-Distribution
- Display Systems
- HD, UHD and 3D Video

### Smart Objects and Mobile Devices

- Technology of Tablets, Smartphones, Smartwatches and foldable Devices
- Emerging Apps and their Infrastructure

### Entertainment and Games

- Future of Computer/Online Gaming
- Mobile Platforms and Smart Gaming
- Networked and Mobile Media Access

### Car Electronics

- Automotive Entertainment
- AV & In Car Networking
- Driver Assistance, Autonomous Driving

### Consumer Networks

- Smart Home
- Home Networking, Home Gateways
- Emerging Networks and Standards
- Security and Privacy
- Data in the Cloud

### Sustainable Electronics

### RF & Wireless

- Antennas
- Modulation and Coding
- Software Radio
- Spectrum Usage
- Channel Equalization
- MiMo, Diversity
- Mobile Reception
- 4G and 5G Technologies

### Human-Device Interaction

- User Centered Design
- Usability/Accessibility
- Haptics

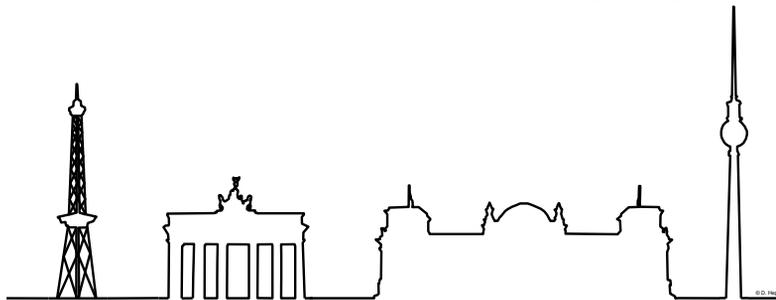
### Sports, Wellness and Home Healthcare

- Ambient Assisted Living
- Support systems for people with special demands
- Vital Parameter Monitoring
- Personal Robotics

### Smart Energy

- Energy Harvesting and Efficiency
- Energy Generation, Storage and Management
- Smart Energy Devices and Apps
- Smart Grid & CE

### Product Safety Engineering



## International Advisors

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and more (see web site)