

8th IEEE INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS BERLIN (ICCE Berlin 2018)

September 02-05, 2018, Berlin, Germany.

ICCE Berlin 2018 Executive Committee

General Conference Chair

Reinhard Moeller (DE)
University of Wuppertal

Technical Program Chair

Lucio Ciabattoni (IT)
Università Politecnica delle Marche

President, Consumer Electronics Soc.

Sharon Peng (USA)

VP of CE Conferences

Stephen Dukes (USA)

Co-Organizing Chairs and Officers

Wolfgang Endemann (DE), TP Co-Chair
Gordana Velikic (SRB), 2017 Past Chair
Uwe Kraus (DE), Publications
Konstantin Glasman (RU), Film and Video
Production
Alexander Huhn (DE), Local Chair
Stefanie Trott (DE), Student Activities
Shingo Yamaguchi (JP), Young Professionals
Lee Stogner (USA), Marketing and Social Media
Kousik Sankar, Asia Liaison
Christian Gross, VDE/ITG Liaison
Carsten Dolar, Bosch (DE), Treasurer

International Advisors

Peter Corcoran (IRL)
Tom G B Wilson (CAN)
Stefan Mozar (AUS)
Simon Sherratt (UK)
Francisco Bellido (ES)
Dietmar Hepper (DE)
Tom Coughlin (USA)

Conference Coordinator/ Web Chair

Charlotte Kobert, Pittsburgh, PA
icce@ieee.org



IEEE



The IEEE Consumer Electronics (CE) Society is soliciting technical papers for oral and poster presentations at their 8th annual conference, IEEE International Conference on Consumer Electronics (ICCE) in Berlin, Germany. ICCE Berlin is the established forum for innovative research in all areas of consumer electronics and is *co-located with the International Trade Show on Consumer Electronics (IFA)*. **The theme of ICCE Berlin 2018 is “Intelligence and Security at Home: The next Generation of Consumer Electronics”.** Topics consistent with this theme include all aspects of IOT, deep learning personal assistants, foundation technologies and robust architectures that support privacy, reliability, anti-counterfeiting, authentication, content protection for consumer electronics devices, their networks, and the services connected to these devices.

Paper contributions are sought in but are not limited to following areas:

- 1) Security and Privacy of CE Hardware and Software Systems (SPC)
- 2) Energy Management of CE Hardware and Software Systems (EMC)
- 3) Application-Specific CE for Smart Cities (SMC)
- 4) RF, Wireless, and Network Technologies (WNT)
- 5) Internet of Things and Internet of Everywhere (IoT)
- 6) Entertainment, Gaming, and Virtual and Augmented Reality (EGV)
- 7) AV Systems, Image and Video, and Cameras and Acquisition (AVS)
- 8) Automotive CE Applications (CEA)
- 9) CE Sensors and MEMS (CSM)
- 10) Consumer Healthcare Systems (CHS)
- 11) Enabling and HCI Technologies (HCI)
- 12) Smartphone and Mobile Device Technologies (MDT)
- 13) Artificial Intelligence (AI) and Deep Learning (DL) Applications in CE

In addition to regular oral and poster sessions based on the above tracks, ICCE Berlin 2018 will have many special sessions on current hot topics related to CE. It will feature a **students and young professionals research forum** as an integral part. The organizing committee invites **proposals for special sessions, industry tracks, and expert panels**. These proposals as well as the research forum papers can be submitted at the following [EDAS link](http://www.edas.info).

Authors are invited to submit original, unpublished **manuscripts of 2- to 6-page length** at <https://edas.info/newPaper.php?c=24547>. Previously published papers or papers under review for other conferences/journals should not be submitted for consideration. Authors may prepare original work of maximum 6 pages with an 200-word abstract using double-column IEEE conference-format template:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html.

All accepted papers (including regular papers, special session papers and research forum papers) will be published in the ICCE Berlin 2018 Digest or Proceedings and submitted to IEEE Xplore. Instructions for authors and document templates are available on the conference website. A selected set of papers from ICCE Berlin 2018 program will be invited for re-submission to special issues of peer-reviewed journals (e.g. IEEE CE Magazine) based on reviewer's feedback and quality of conference presentation.

Important Dates of ICCE Berlin 2018 are the following:

Submission Deadline: May 21, 2018 | Acceptance Notification: June 15, 2018 | Submission of Final Version: July 7, 2018

<http://www.icce-berlin.org/>