



40th IEEE International Conference on Consumer Electronics (ICCE 2022)



"Digital you - Always"

7-9 January 2022 // Virtual Online Conference

CALL FOR PARTICIPATION

The 40th IEEE International Conference on Consumer Electronics (ICCE 2022) is the IEEE Consumer Technology Society's (CTSoc's) annual flagship conference that will take place in conjunction with CES. ICCE 2022 will bring together top professionals from industry, government, and academia from around the world. Consistent with our Society's scheduled name change in 2021 from Consumer Electronics (CE) to Consumer Technology (CT), we have adopted **"Digital you - Always"** as the conference theme. The conference will provide networking opportunities for participants to share ideas, designs, and experiences on the state-of-the-art and future direction of consumer technologies. ICCE 2022 will feature a comprehensive high-quality technical & experiential program dealing with a mix of traditional and contemporary hot topics in paper presentations (lecture and interactive style), tutorials, industry forums, mixed panels, and high-profile keynotes.

Publication in the Conference Proceedings and IEEE Xplore® requires authors to register under the "Presenting Authors" registration category by Dec. 1, 2021. Authors with multiple papers must register each paper separately as a Presenting Author. Several papers with highest reviews will be invited to submit enhanced journal-quality papers to special issues of the *IEEE Transactions on Consumer Electronics*, *IEEE Consumer Electronics Magazine*, and *IEEE Access* (Section for Consumer Technology Society, Open Access). For more details and updates, please visit the conference website at <https://icce.org/>.

TECHNICAL PAPERS

We are calling for Technical Papers in the following Tracks. Please submit your paper using the conference website at <https://icce.org/submission.php>.

- Security and Privacy of CE Hardware and Software Systems
- Internet of Things, Internet of Everywhere, and Edge Computing
- Consumer Power and Energy
- Consumer Systems for Healthcare and Wellbeing
- Machine Learning, Deep Learning and AI in CE
- Application-Specific CE for Smart Cities and 5G
- Audio/Video Systems and Signal Processing
- Human-Machine Interaction and User Experience
- Smartphone and Mobile Device Technologies
- Virtual Reality, Augmented Reality, and Displays
- Sensors and Actuator Systems
- Entertainment and Gaming
- Automotive CE Applications
- RF, Wireless, and Network Technologies

INDUSTRY FORUM (IF) PROPOSALS

Proposal submissions are sought for the Industry Forums (IF) on the latest technical and business issues, challenges, and solutions in the CE industry. We also welcome industry-led proposals for panels or sessions relevant to topics listed in the above tracks. Submit proposals to icce2022-IF@icce.org.

TUTORIAL PROPOSALS

Proposals are invited for Tutorials on all tracks, particularly related to the conference theme.

Submit proposals to icce2022-Tutorial@icce.org.

CONFERENCE INFORMATION

| IEEE ICCE 2022 Registration Fees | | | |
|---|---------------------------------|------------|---|
| | Category | Rate (USD) | |
| Presenting Authors (Registration required by Dec. 1, 2021) | IEEE CTSoc Member | \$380 | Each paper requires a full registration of this category (including student authors). Registration includes access to all keynote speeches, tutorials, industry forum sessions, technical paper sessions, papers, and download of the technical proceedings. |
| | IEEE Member (or Sister Society) | \$395 | |
| | IEEE Life Member | \$220 | |
| | Non-Member | \$495 | |
| | Category | Rate (USD) | |
| Participants & Attendees (Non-presenters) | IEEE CTSoc Member | \$120 | Registration includes access to all keynote speeches, tutorials, industry forum sessions, technical paper sessions, papers, and download of the technical proceedings. Delegates in this category may purchase access to download the technical proceedings for an additional cost of \$60 USD. Tutorials may be purchased separately for \$20 USD. |
| | IEEE Member (or Sister Society) | \$140 | |
| | IEEE Life Member | \$50 | |
| | Non-Member | \$180 | |
| | Student (IEEE CTSoc Member) | \$40 | |
| | Student (IEEE Member) | \$50 | |
| | Student (Non-Member) | \$60 | |

Platinum Sponsors

- Telus Communications Inc. (TCI)
- Consumer Technology Association (CTA)

Keynote Speakers

- Prof. Karlheinz Brandenburg (Internet Hall of Fame Inventor)
- Brian Markwalter (Senior Vice President, CTA)
- Monty Hamilton (Chief Digital Officer, TCI)

- All IEEE ICCE 2022 paper presentation videos will be made viewable online to conference registrants using EDAS from Jan. 2 to Feb. 6 of 2022.
- Several good papers will be selected and recommended to the *IEEE Transactions on Consumer Electronics*, *IEEE Consumer Electronics Magazine*, and *IEEE Access* (Section for Consumer Technology Society, Open Access)

IMPORTANT DATES

Full details of submission procedures available at

Paper Submission: **Oct. 31/2021** IF Proposal Submission: **Oct. 31/2021**
 Paper Acceptance: **Nov. 21/2021** IF Proposal Acceptance: **Nov. 21/2021**
 Camera Ready Paper: **Dec. 1/2021** ICCE 2022 Conference: **Jan. 7-9/2022**
 Presenting Author Registration: **Dec. 1/2021**
 Author Video EDAS Upload: **Dec. 15/2021**

<https://icce.org/>

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