



Submissions are now open for ICCE 2026.

eXtended Intelligence - Sustainability Embodied in AI Everywhere
Smart, Connected, and Sustainable AI-based Consumer Technologies

The 44th IEEE International Conference on Consumer Electronics (ICCE 2026) is the IEEE Consumer Technology Society's annual flagship conference that will take place in conjunction. ICCE 2026 will bring together top professionals from industry, government, and academia from around the world. This time there are two events: a pre-cursor Consumer Technology Society Industry Summit in Las Vegas, USA in conjunction with the CES, followed by the Full Conference in the UAE. The conference theme is "eXtendable Intelligence – Sustainability Embodied in AI Everywhere". The conference offers valuable networking opportunities to exchange ideas, showcase designs, and explore the future of consumer technologies. ICCE 2026 will feature comprehensive high-quality research and practitioner programs covering traditional and contemporary topics delivered through lecture, and interactive oral presentations, tutorials, industry forums, mixed panels, high-profile keynotes and more!. Authors of selected papers with the highest reviews may be invited to extend their conference papers into high-quality journal papers for special issues of peer-reviewed journals of CTSoc (e.g., IEEE Transactions on Consumer Electronics and IEEE Consumer Electronics Magazine).

Conference Chairs: Hassnaa Moustafa (USA), Bouziane Brik (UAE)
Publication and Publicity Chair: Norbert Herencsar (Czech Republic), Yassine Himeur (UAE)
Keynote Chairs: Lina Karam (USA), Hiroshi Fujinoki (USA), Reza Malekian (Sweden)

Call for technical papers in the following regular tracks:

- New Experiences in Consumer Technologies with Intuitive Screenless Interactions, Chatbots, and Digital Avatars
- AI-Powered Consumer Applications
- E-Health and Wellbeing including Intuitive Interactions, Enhanced Accessibility, and Mindful Technologies
- AI-Powered Technologies for eXtendable Reality (XR) including Augmented Reality (AR)/Virtual Reality (VR)/ Mixed Reality (MR), Metaverse, and Spatial Computing
- GenAI Driven Consumer Applications for Games Design, Adaptive HMI, and Automated Pipelines/Workflows
- AI-Powered Automotive Technologies with Advancements in Passenger Experience and In-Vehicle Entertainment
- Advancements in Autonomous Mobile Robots with Applications in Humanoids, Healthcare, Agriculture, and Multi-Agent Collaboration
- Responsible AI and Ethical Considerations
- Privacy, Security, and Trust Extending Zero-Trust Frameworks to Consumer Hardware
- Privacy Consideration for Consumer Devices empowered by AI, Deepfake Mitigation, and Content Authentication
- Sustainability in Consumer Technologies with Eco-Friendly Innovations (e.g., Lithium Free Batteries)
- Driven Smart Grids, and GenAI-Driven Materials Development with Energy Saving
- Edge Computing Supporting Sustainability
- Heterogeneous Compute (XPU) with Specialized AI Chips for Optimized Performance and Energy
- Seamless and Intelligent Connectivity Technologies with Energy Saving
- AI and Digital Twin for Consumer Electronics in Smart Cities
- AI-powered 6G networks for Consumer Electronics
- Smart Connectivity in consumer electronics-related applications.

To submit a paper [click here](#)

Consumer Technology
Society Industry Summit

Key dates:

Proposal Submission:
Oct. 15, 2025

Proposal Acceptance:
Nov. 10, 2025

Presentation Ready:
Dec. 10, 2025

*Note: The Industry Summit welcomes proposals for **talks**, **panel discussions**, and **technology demos**. Please send proposals via email.*

Conference Event

Key dates:

Paper Submission:
Nov. 10, 2025

Paper Acceptance:
Dec. 15, 2025

Camera Ready Paper:
Jan. 31, 2026

Proposal Submission:
Dec. 10, 2025

Proposal (Industry Forum/Tutorials) Acceptance:
Jan. 20, 2026

Presentation Ready:
Mar. 01, 2025

Industry Programs Chairs

Olena J Zhu, (USA)
Won Woo Ro (Korea)
Sri Soundararajan (USA)
Saif alZahir (Canada)

TPC Chairs

Domenico Ciunzo (Italy)
Hossein Fotouhi (Sweden)
Marzieh Amini (Canada)

Tutorial Chairs

Esraa Makled (Egypt)
Tayeb Lemlouma (France)
Yen-Lin Chen (Taiwan)
Diana W. Dawoud (UAE)

Industry Forum Proposals

Proposal submissions are sought for Industry Forums (IF) featuring talks, demos and panel discussions on the latest technical and business issues, challenges, and solutions in CE industry. We also welcome proposals relevant to topics listed in the above Tracks and the theme.

To submit proposals [click here](#)

Tutorial Proposals

The Organizing Committee invites proposals for 60- or 120-minute tutorials , closely aligned with the conference themes, to be delivered at the Industrial Forum in Las Vegas and at the main conference in Dubai.

To submit proposals [click here](#)

SUBMIT NOW

