



2025 IEEE 14th Global Conference on Consumer Electronics



IEEE



GCCE 2025

September 23rd - 26th, 2025, at Osaka

During Expo 2025, Osaka, Kansai, Japan

2025 IEEE 14th Global Conference on Consumer Electronics (GCCE 2025) is asking for submissions of technical papers for [Oral](#), [Poster](#), and [Demo](#) presentations.

The IEEE GCCE 2025 will bring together top technical professionals from the consumer electronics industry and academia to exchange information and results of state-of-the-artwork on systems, circuits, technologies, processes and applications!

Student papers and **WIE papers** are particularly encouraged.

Call For Papers !

Oral, Demo!, and Poster categories

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Towards a brighter future for all

Period **Sunday, 13 April to Monday, 13 October 2025**
Venue **Yumeshima Island, Osaka City**

Contact

support@ieee-gcce.org

For More Information

www.ieee-gcce.org



Organizational Sponsors (including pending application)



The Institute of Electronics, Information and Communication Engineers



The Institute of Electrical Engineers of Japan



The Institute of Image Information and Television Engineers



The Information Processing Society of Japan



Game Amusement Society



Japan Institute of Power Electronics



Human Interface Society



The Japan Ergonomics Society



Japan Society of Kansei Engineering

Patron
(pending application)



Important Date

Proposal for Organized Session	March 28, 2025
2-pages Review Paper Submission	May 23, 2025
Notification of Acceptance	July 1, 2025
Deadline of Early-bird Registration	July 27, 2025
IEEE GCCE 2025	September 23-26, 2025

Accepted and presented papers will be appeared in [IEEE Xplore](#) and the authors are encouraged to submit enhanced journal-quality papers to the [IEEE Transactions on Consumer Electronics](#)!

Welcomes Organized Session Proposals

GCCE 2025 welcomes [Organized Session \(OS\)](#) proposals which are related to up-to-date crossfield topics, except Regular Session Topics. Please fill out the Proposal Form on the Web or contact us: support@ieee-gcce.org!

Regular Session Topics & Keywords

The topics covered by GCCE 2025 include, but are not limited to,

TV & Display Technologies

Future TV, Mobile TV, Ultra HDTV, Super Resolution Signal Processing, Network TV, Smart TV, 3D Imaging and Display, OEL, VoD, Visual Media Communication

Home Networks & Services

Wired and Wireless Networks at Home, Home Gateway, QoS, Bridges, Peer-to-Peer, Interoperability, Application Control, PVR, Home Theater, Interconnects, Gaming Devices and Systems, Internet Integration

User Interfaces & Experience in CE

Gesture Operation, Multitouch, Natural User Interface, Haptics, User Experience, HCI for CE, Usability, User Centered Design, Accessibility, Special-Needs/Assistive Technologies

Smart Grid & CE

Smart House, HEMS, BEMS, FEMS, CEMS, Smart Meter, Power Monitors, Energy Storage, On-site Power Generation, Sensors and Networks for Smart Grid, Internet of Things

Green Energy

Solar Cell, Wind-generated Electricity for CE, Rechargeable Energy, Energy Harvesting

AV Processing & Streaming

Still and Video Cameras, Audio Systems and Technologies, Recording, Video Processing and Codecs, Storage Compression, Transcoding, Content Indexing, Video Enhancement, Interactive Video Streaming, Visual Quality Assessment, AV System Evaluation

Mobile Computing & Communications

Mobile Broadband, Handheld and Wearable Computers, Personal Multimedia Devices, AV Streaming to Handheld Devices, Next-Generation Cellular Phones, Smart Phone Technologies

Security & Rights Management

Copy and Redistribution Protection, Payments, Parental Controls, CE and Digital Content Issues, Data Collection, Biometrics, Privacy, Encryption

Enabling Technologies

High Speed Signal and Interconnects, Algorithms, Intellectual Property, Manufacturing and Test Technology for CE, Recyclable Engineering, Product Safety, White Goods

Home Medical & Healthcare

Home Medical Equipment, Medical IT/ICT, Healthcare Applications, Wellness Devices

Wireless & RF in CE

Antennas, Acquisition, Equalization, Spectrum Usage, Software Radio, Wireless LAN, IEEE 802.11 Standards, Bluetooth, RFID, WPAN, Wireless Power Transmission

Embedded Technologies

Embedded Systems, Embedded OS, Embedded Software, High-density Mounting, Advanced Semiconductors, Development Tools

Storage & Digital Media

Optical Storage, Magnetic Storage, Next-generation Storage Media, Semiconductors, Storage Technology, Cloud Media, Interactive Media, CE and Cloud Computing

Automotive Entertainment & Information

Navigation, Driver Assistance, Car AV Systems, In-Car Internet, Communication Aspects, Automotive UI, Automotive Sensors and Controls

Conference Venue

Osaka International Convention Center (Grand Cube Osaka)

Expo 2025, Osaka, Kansai, Japan

Theme: DESIGNING FUTURE SOCIETY FOR OUR LIVES

Period: 184 days from April 13 to October 13, 2025

Venue: Yumeshima, Osaka, Japan



Period **Sunday, 13 April to Monday, 13 October 2025**
Venue **Yumeshima Island, Osaka City**

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