



2024 IEEE 13th Global Conference on Consumer Electronics



GCCE 2024

Oct.29th - Nov.1st, 2024
Kitakyushu, JAPAN

2024 IEEE 13th Global Conference on Consumer Electronics (GCCE 2024) is asking for submissions of technical papers for **Oral**, **Demo!**, and **Poster** presentation. **Student papers** and **WIE (Women in Engineering) papers** are particularly encouraged.

The IEEE GCCE 2024 will bring together top technical professionals from the consumer electronics industry and academia to exchange information and results of state-of-the-art work on systems, circuits, technologies, processes and applications!

GCCE 2024 welcomes **Organized Session (OS)** proposals which are related to up-to-date cross-field topics, except Regular Topics. Please fill out the Proposal Form on the Web or contact us!

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Call For Papers !

Oral, Demo!, and Poster categories



Contact
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For More Information
www.ieee-gcce.org

Organizational Sponsors (including pending application)

EIC The Institute of Electronics, Information and Communication Engineers

IEEJ The Institute of Electrical Engineers of Japan

ITE The Institute of Image Information and Television Engineers

IPS The Information Processing Society of Japan

G.A.S Game Amusement Society

JIFE Japan Institute of Power Electronics

Human Interface Society Human Interface Society

The Japan Ergonomics Society

JSKE Japan Society of Kansei Engineering

QR Code to the GCCE HP!



Important Date

Abstract Proposal for Organized Session **May 3, 2024**
2-pages Review Paper Submission **June 7, 2024**
Notification of Acceptance **July 26, 2024**
Deadline of Early-bird Registration **August 9, 2024**
IEEE GCCE 2024 **Oct. 29 - Nov. 1, 2024**

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!**

28 Organized Session are approved

GCCE 2024 welcomed **Organized Session (OS)** proposals which are related to up-to-date crossfield topics, except Regular Session Topics, and approved 28 OSs for this year. Please check the list and the details on the Web!

GCCE
Handles
Everything
About
Life
Electronics

Regular Session Topics & Keywords

The topics covered by GCCE 2024 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

Wireless & RF in CE

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

Mobile Computing & Communications

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

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

Storage & Digital Media

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

Enabling Technologies

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

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

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

Embedded Technologies

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

Security & Rights Management

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

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

Automotive Entertainment & Information

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

Home Medical & Healthcare

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

Venue



**Asia Pacific Import Mart
Medium Exhibition Hall**
(AIM building) 3rd Floor,
Kitakyushu, Fukuoka, Japan.



Researchers who are raising children are also welcome!!
Genki-no-mori, an indoor park for parents and children, is available next to the venue !!

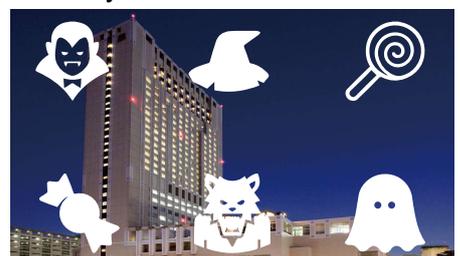


KOKURA



Banquet (Oct. 31) 🎃

RIHGA ROYAL HOTEL KOKURA
Kitakyushu, Fukuoka, JAPAN



The banquet will be on Halloween!!
Let's all DRESS UP and get together!!