

2026 6th International Conference on Electron Devices and Applications (ICEDA)

Shenzhen, China

December 11-13, 2026

2026 6th International Conference on Electron Devices and Applications (ICEDA) will be held in **Shenzhen, China** during **December 11-13, 2026**. It sponsored by **South University of Science and Technology, China**, hosted by **School of Microelectronics, South University of Science and Technology, China**.

Electron devices are widely used in industry as well as our daily life, such as information processing, telecommunication, and signal processing. The world is growing at a fast rate and it is relevant for the technology enthusiast to upgrade with latest changes happening in the society. Moreover, it is difficult to spend few hours without electronics gadgets and they had become an important part of our everyday routine.

With the success of ICEDA 2025 (Shenzhen), ICEDA 2024 (Singapore), ICEDA 2023 (Tokyo), ICEDA 2022 & 2021 (Online), ICEDA 2026 will continue to bring together researchers and practitioners from electron devices and applications and related areas who are interested in developing, studying and using electron devices to share their research experiences and indulge in interactive discussions and communications at the event.

IMPORTANT DATE

Submission Deadline: July 10, 2026

Notification Deadline: August 10, 2026

Registration Deadline: August 25, 2026

CALL FOR PAPERS

Track 1: Semiconductor Devices & Materials

- Advanced semiconductor materials (SiC, GaN, 2D materials)
- High-performance transistors (FinFET, GAA, TFET)
- MEMS/NEMS devices and sensors

Track 2: Integrated Circuits & VLSI Design

- Analog/mixed-signal IC design
- RF and millimeter-wave integrated circuits
- Low-power and energy-efficient ICs

Track 3: Optoelectronics & Photonic Devices

- Photodetectors and image sensors
- LEDs, lasers, and display technologies
- Silicon photonics and plasmonics

Track 4: Power Electronics & Energy Devices

- Power converters and inverters
- Energy harvesting devices and systems
- Battery management systems (BMS)

Track 5: Emerging Technologies & Applications

- Quantum computing devices
- Bioelectronics and implantable devices
- Wearable and IoT sensor technologies

Track 6: Device Modeling, Fabrication & Reliability

- Circuits, Devices and Systems
- Compact modeling of electron devices
- Process simulation and TCAD tools

For more topics, please click [HERE](#).

PROGRAM OVERVIEW

>> **December 11, 2026 | Friday**

10:00-12:00 Registration & Materials Pick-up

12:00-13:30 Break

13:30-17:00 Registration & Materials Pick-up

>> **December 12, 2026 | Saturday**

09:00-12:00 Opening & Keynote Speeches

12:00-13:30 Lunch Break

13:30-18:00 Parallel Sessions

18:00-19:30 Dinner Banquet

>> **December 13, 2026 | Sunday**

09:00-12:00 Parallel Sessions

12:00-13:00 Break

13:00-15:00 Parallel Sessions

SUBMISSION GUIDELINE

>> **Submission Requirements**

- Language: English is the official language of the conference; the paper should be written and presented only in English.

- [Paper Template](#).

>> **Submission Types**

- Abstract submission (200-400 words) for presentation only without publication.
- Full paper submission (5-6 pages, two columns) for both presentation and publication.

>> **Submission Methods**

- Submit your paper to Online Submission System: <https://confsys.icnf.org/submission/iceda2026>.
- Send your paper to email box: iceda_contact@163.com.

CONTACT US

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Office Time: Mon.- Fri. 9:30-18:00 (GMT+8)

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