7TH EDITION · CHICAGO & ONLINE

Financial sponsor **Gazi University** · Secretariat **VintEight Conference Organization**

CALL FOR PAPERS

# INTCEC 2027

## 7th Interdisciplinary Conference on **Electrics and Computer**

| DATES | DAY 1 · IN PERSON | DAY 2 · ONLINE | FULL PAPERS DUE |
|---|---|---|---|
| **23–24 Sep 2027** | **Chicago, IL** | **Zoom** | **2 July 2027** |
| Thursday & Friday | Courtyard by Marriott · River North | Present from anywhere | Peer reviewed · English |

## Seven tracks

1. **AI & Machine Learning Systems**
2. **Intelligent Energy & Power Systems**
3. **Next-Generation Communication & Networking**
4. **Embedded Systems, Hardware & Quantum**
5. **Cybersecurity & Trustworthy Systems**
6. **Computing for Health, Bio & Society**
7. **AI for Manufacturing & Regional Innovation**

○ topic shared between tracks · papers that cross tracks are welcome

| | | | | |
|---|---|---|---|---|
| Foundation models & LLMs | Agentic AI | Graph learning | Trustworthy AI | Generative design |
| Smart grid analytics | Renewables & forecasting | Microgrids & storage | EVs & charging | Power electronics |
| 5G-Advanced & 6G | Sensing & communication | AI-native communication | IoT & sensor networks | Satellite networks |
| AI accelerators | Neuromorphic computing | SoC, FPGA & RISC-V | Quantum computing | Post-quantum cryptography |
| AI threat detection | Privacy-preserving computing | Blockchain | Hardware security | Critical infrastructure |
| Clinical AI | Bioinformatics & multi-omics | Medical imaging | Digital twins | Responsible AI |
| Industry 4.0 / 5.0 | Predictive maintenance | Robotics & automation | Vision inspection | AI in SMEs |

## Key dates

Deadlines close at the end of the day, Anywhere on Earth

| 2 Jul 2027 | 16 Jul 2027 | 30 Jul 2027 | 27 Aug 2027 | 23 Sep 2027 | 24 Sep 2027 |
|---|---|---|---|---|---|
| **Full paper submission** DEADLINE | Notification of acceptance | Early-bird registration ends | Camera-ready & registration close | Day 1 · in person, Chicago | Day 2 · online, Zoom |

**Format check first**
A PDF report on your formatting before peer review starts

**Decision in two weeks**
Notification by 16 July, two weeks after the deadline

**Best paper awards**
Winners receive 50% off the next INTCEC

**Science in Quality**
The quality framework INTCEC follows


CONFERENCE CHAIRS

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Founding General Chair · Gazi University, Türkiye

**Prof. Dr. Nicu Bizon**
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SECRETARIAT

QUALITY FRAMEWORK

SUBMISSION & DETAILS
**www.intcec.org**

MORE INFORMATION
**intcec.conference@gmail.com**

Papers are submitted through **Microsoft CMT**.
Publication details will be announced on **www.intcec.org**.