

# ICCCAS 2025



Wuhan, China | May 23-25, 2025

## CALL FOR PAPERS

2025 IEEE The 14th International Conference on Communications, Circuits and Systems

### Important Dates

<b>Submission Deadline</b>	<b>February 15, 2025</b>
Notification Deadline	March 10, 2025
Registration Deadline	March 25, 2025

## ICCCAS Special Sessions

### Session 1: Analog/Mixed-Signal/RF/Power Circuits and Related Technologies in the Digital Society

Chair: Haruo Kobayashi (SMIEEE), Gunma University, Japan

### Session 2: Quantum Science and Technology

Chair: Randy Kuang, Quantropi Inc., Ottawa, Canada & Michel Barbeau, Carleton University, Canada

### Session 3: Quantum Secure Communication

Chair: Xueqin Jiang, Donghua University, China

### Session 4: Analog Integrated Circuit

Chair: Haijun Lin, Xiamen University of Technology, China

### Session 5: Information and Communication Technology in Optics and Photonics

Chair: Weng Wen, University of Electronic Science and Technology of China, China

### Session 6: Radar/Sonar Environmental Observation, Communication and Remote Sensing

Chair: Jiahua Zhu (SMIEEE), National University of Defense Technology, China

### Session 7: Biomedical Instrumentation and Signal Processing for Disease Diagnosis, Prognosis, and Treatment

Chair: Md Kafiul Islam (SMIEEE), Independent University, Bangladesh

### Session 8: 6G Wireless Communication Networks

Chair: Jie Huang, Southeast University, China

### Session 9: Environment Sensing Aided UAV Positioning and Communication

Chair: Chen He, Northwest University, China

## Publication

**IEEE** The accepted and presented papers will be published in the **ICCCAS Conference Proceedings**. Conference content will be submitted for inclusion into **IEEE Xplore** and indexed by **Ei Compendex and Scopus**, etc.

**ICCCAS 2025 has been included in IEEE event list! (Read More)**

### SCIE/Ei/Scopus Journal Publication

Selected registered papers with proper extension will be recommended to below journals for potential publication

#### Journal of Communications and Information Networks (ISSN: 2096-1081)

CiteScore(2022): **4.0**  
Indexing: **Chinese Science Citation Database (CSCD), Ei Compendex, Scopus**

#### IET Communications (ISSN: 1751-8636)

Impact Factor: **1.6**  
CiteScore(2022): **4.0**  
Indexing: **SCIE, Ei, Scopus**, Inspec, ACM, DOAJ

#### Sensors (ISSN 1424-8220)

Impact Factor: **3.847**  
Indexing: **SCIE (Web of Science), Scopus, Ei Compendex**, PubMed, Inspec, etc.

#### Journal of Marine Science and Application (ISSN: 1671-9433)

Indexing: **Scopus**, Google Scholar, SCImago, CSA, CSCD, CJCR

#### IET Quantum Communication (ISSN: 2632-8925)

CiteScore(2022): **3.8**  
Indexing: **Ei, Scopus**, Inspec, DOAJ

#### Journal of Communications (ISSN: 1796-2021)

CiteScore: **2.3**  
Abbreviated Title: J. Commun.  
Indexing: **Scopus**, DBLP; CrossRef, EBSCO, Google Scholar; CNKI, etc.

## Keynote Speakers



**Prof. Xiaofeng Liao, Chongqing University, China**

Fellow of the IEEE, AIAA



**Prof. Yonghui Li, University of Sydney, Australia**

Fellow of the IEEE

## Conference Awards

- ◆ Outstanding Young Scholar Award – **Deadline: April 10, 2025**  
Eligibility: Authors within the age of 40 by May 13 with a doctor degree.
- ◆ Best Reviewer Award
- ◆ Best Student Paper Award (Eligibility: University Students Only)
- ◆ Best Paper Award (Eligibility: All Conference Accepted Papers)
- ◆ Excellent Oral Presentation Award
- ◆ Excellent Poster Presentation Award

For details, please visit: <http://www.icccas.org/award.html>

## Publication History

Accepted and presented papers of **13-year ICCAS** have been successfully published and indexed by **Ei Compendex & Scopus**.

**ICCCAS 2024:** Xiamen, China - ISBN: 979-8-3503-8627-1 (**The papers were published 3 months after conference and were indexed 1 month after online.**)

**ICCCAS 2023:** Singapore - ISBN: 978-981-97-2635-6

**ICCCAS 2022:** Online - ISBN: 978-1-6654-6989-0

**ICCCAS 2018:** Chengdu, China - ISBN: 978-1-5386-9387-2

**ICCCAS 2013:** Chengdu, China - ISBN: 978-1-4799-3051-7

**ICCCAS 2010:** Chengdu, China - ISBN: 978-1-4244-8224

**ICCCAS 2009:** Milpitas, CA, USA - ISBN: 978-1-4244-4886-9

**ICCCAS 2008:** Xiamen, China - ISBN: 978-1-4244-2063-6

**ICCCAS 2007:** Kokura, Japan - ISBN: 978-1-4244-1473-4

**ICCCAS 2006:** Guilin, China - ISBN: 0-7803-9584-0

**ICCCAS 2005:** Hong Kong, China - ISBN: 0-7803-9015-6

**ICCCAS 2004:** Chengdu, China - ISBN: 0-7803-8647-7

**ICCCAS 2002:** Chengdu, China - ISBN: 0-7803-7547-5

More info, please visit: <http://www.icccas.org/history.html>

## Submission Guidelines

### Submission Type:

Full Paper (**English, no less than 4 pages normally**, 10 pages maximum. 5-6 pages are recommended)

Abstract (English, within 300 words)

### Submission Method:

#### EC Online Submission System:

<https://easychair.org/conferences/?conf=icccas2025>

Email Submission: [icccas@vip.163.com](mailto:icccas@vip.163.com)

More details, please access: <http://www.icccas.org/sub.html>

## Conference Topics

### Communications

Communication and Information System Security  
Communication Software and Multimedia  
Molecular, Biological and Multi-Scale Communications  
Green Communication Systems and Networks

### Circuits and Systems

Beyond CMOS: Nanoelectronics and Hybrid Systems Integration  
Neural Networks and Neuromorphic Engineering  
Analog and Mixed Signal Circuits and Systems

More details, please access: <http://www.icccas.org/cfp.html>

## Contact US

Conference Secretariat: Ms. Tammy Lee

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Phone: +86-18117806403

(Office time 9:30 - 18:00, Time zone: GMT+8; Monday to Friday)

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# Invited Speakers (The speaker list is in alphabetical order)

 <b>Akito Chiba</b> Gunma University, Japan	 <b>Alain Chance</b> Alainquant LLC, USA	 <b>Chen He</b> Northwest University, China	 <b>Connor Kupchak</b> Carleton University, Canada	 <b>Feng Wen</b> University of Electronic Science and Technology of China, China
 <b>Haifeng Yao</b> Beijing Institute of Technology, China	 <b>Haijun Lin</b> Xiamen University of Technology, China	 <b>Hao San</b> Tokyo City University, Japan	 <b>Haruo Kobayashi (SMIEEE)</b> Gunma University, Japan	 <b>Hiroyuki Yotsuyanagi (SMIEEE)</b> Tokushima University, Japan
 <b>Hitoshi Aoki (SMIEEE)</b> Rohm Semiconductor, Japan	 <b>Jiahua Zhu (SMIEEE)</b> National University of Defense Technology, China	 <b>Jianglin Wei</b> Yibin University, China	 <b>Jie Huang</b> Southeast University, China	 <b>Kenshu Seto</b> Kumamoto University, Japan
 <b>Kentaro Katoh</b> Fukuoka University, Japan	 <b>Kiichi Niitsu</b> Kvoto Universitv. Japan	 <b>Lei Chen</b> Shandong University, China	 <b>Lei Zhang</b> Yanshan University, China	 <b>Masahiro Sasaki</b> Shibaura Institute of Technology, Japan
 <b>Md. Kafiul Islam (SMIEEE)</b> Independent University, Bangladesh	 <b>Mohd Nazri Ismail</b> National Defence University of Malaysia, Malaysia	 <b>Michel Barbeau</b> Carleton University, Canada	 <b>Randy Kuang</b> Quantropi Inc., Ottawa, Canada	 <b>Salem Hegazy</b> Zewail City of Science and Technology, Egypt
 <b>Satoshi Komatsu</b> Tokyo Denki University, Japan	 <b>Satoshi Tanaka (SMIEEE)</b> Hiroshima University, Japan	 <b>Shi-Yu Huang (SMIEEE)</b> National Tsing Hua University	 <b>Taha Selim</b> MolKet SAS, France	 <b>Tetsuya Iizuka</b> University of Tokyo, Japan
 <b>Toru Sai</b> Tokyo Polytechnic University, Japan	 <b>Toshiyuki Inoue</b> The University of Shiga Prefecture, Japan	 <b>Wolfgang Rohde</b> Strategy AiSuNe, Charlotte, USA	 <b>Xiaoguang Li</b> Institute of Spacecraft System Engineering, China	 <b>Xueqin Jiang</b> Donghua University, China
 <b>Xueyang Li</b> Peng Cheng Laboratory, China	 <b>Yidong Hou</b> Sichuan University, China	 <b>Yi Leil</b> Hefei University of Technology, China	 <b>Yoshiaki Daimon Hagiwara (FIEEE)</b> Sojo University, Japan	 <b>You Yin (SMIEEE)</b> Gunma University, Japan
 <b>Yuhua Shi</b> Waseda University, Japan	 <b>Yuancheng Cai</b> Purple Mountain Laboratories, China	 <b>Yu Huang</b> Guangzhou University, China	 <b>Zan Li</b> Jilin University, China	 <b>Zhichao Ma</b> Beijing Research Institute of Telemetry, China

## Conference Committees

### Advisory Chairs

- Franco Maloberti, FIEEE, University of Pavia, Italy  
Division I Director of IEEE; President of the IEEE CAS Society, VP Region 8 of IEEE CAS (1995-1997)
- Xianbin Wang, FIEEE, Western University, Canada  
Fellow of Canadian Academy of Engineering; Tier-1 Canada Research Chair; Editor-in-Chief, Sensors (Communications Section)
- Chengxiang Wang, FIEEE, Southeast University, China  
Fellow of the Royal Society of Edinburgh, IET and China Institute of Communications
- Mohamad Sawan, FIEEE, Westlake University, China  
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- Biao Wang, Jiangsu University of Science and Technology, China
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- Md. Kafiul Islam, SMIEEE, Independent University, Bangladesh
- Jie Huang, Southeast University, China
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