

# Agenda



1. **Welcome**
2. **Attendance Registration**
3. **Approval of the Agenda**
4. **Approval of the ICC 2023 (May 2023) TCCN meeting minutes**
5. **Introduction and Report from the Chair**
6. **TCCN Recognition/Publication Awards**
7. **TCCN Webinars and Journal Collaboration**
8. **TCCN Standardization Information**
9. **Reports on Special Interest Groups (SIGs)**
10. **Reports on Publications**
11. **Reports on Conferences**
12. **TCCN publicity**
13. **Next TCCN Meeting**
14. **Open Discussions**

# GLOBECOM 2023 - Cognitive Radio and AI-Enabled Networks Symposium

- **Scope and Motivation:** This symposium aims for how to utilize advanced AI techniques to solve tremendous challenges of cognitive radio networks, including modeling, optimization, design, implementation, deployment, and resources management.
- Chairs:
  - Shui Han, Harbin Institute of Technology, China
  - **Hongliang Zhang**, Princeton University/Peking University, China
- Received **131** papers with a manuscript, and **52** papers were accepted (acceptance ratio 39.7%).
- Nominated two papers for the Best Paper Awards and the winner is:
  - Title: A Partially Observable Deep Multi-Agent Active Inference Framework for Resource Allocation in 6G and Beyond Wireless Communications Networks
  - By: Fuhui Zhou, Rui Ding, Qihui Wu, Derrick Wing Kwan Ng, Kai-Kit Wong, and Naofal Al-Dhahir

# ICC 2024 - Cognitive Radio and AI-Enabled Networks Symposium



- **Scope and Motivation:** The aim of this symposium is to bring together and disseminate state-of-the-art research contributions that address various aspects of analysis, design, optimization, implementation, standardization, and applications of AI-enabled radio and coexistence technologies
- **Chairs:**
  - **Dola Saha**, University at Albany, USA
  - Hongjian Sun, University of Durham, UK
- Received **50** papers with a manuscript for review
  - Facing direct competition with the SAC – Machine Learning for Communications
  - **Please support our symposium with more submissions**

# TCCN Website Statistics: Past Half Year

Search...

Rows per page: 10

Page title and screen class	Views	Users	Views per user	Average engagement time	Event count
	↓				All events
	2,800 100% of total	1,353 100% of total	2.07 Avg 0%	23s Avg 0%	7,936 100% of total
1 IEEE Communications Society Cognitive Networks Technical Committee – Cognitive Networks Technical Committee	908	744	1.22	6s	2,810
2 Seminars – IEEE Communications Society Cognitive Networks Technical Committee	247	103	2.40	37s	651
3 Mailing List – IEEE Communications Society Cognitive Networks Technical Committee	244	158	1.54	14s	723
4 SIG for AI and Machine Learning in Security – IEEE Communications Society Cognitive Networks Technical Committee	240	104	2.31	21s	667
5 Officers – IEEE Communications Society Cognitive Networks Technical Committee	95	58	1.64	22s	222
6 Elsevier/KeAi Digital Communications and Networks Journal – IEEE Communications Society Cognitive Networks Technical Committee	86	75	1.15	19s	314
7 IEEE/CIC China Communications – IEEE Communications Society Cognitive Networks Technical Committee	83	72	1.15	15s	298
8 Newsletter – IEEE Communications Society Cognitive Networks Technical Committee	67	53	1.26	7s	190
9 SIGs – IEEE Communications Society Cognitive Networks Technical Committee	64	39	1.64	23s	150
10 Awards – IEEE Communications Society Cognitive Networks Technical Committee	61	45	1.36	32s	174

# TCCN Mailing List



- Subscribe to the mailing to become a TCCN member
- After you submit your message to the mailing list, your message will be forwarded to the moderator ([hongliang.zhang@pku.edu.cn](mailto:hongliang.zhang@pku.edu.cn)) to approve it
  - Yourself will not receive the message when it is approved
- CFPs, events (workshops, conferences, seminars), internship positions that fall within the scope of TCCN are welcome
  - Only IEEE/IEEE Comsoc related events shall be approved

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# Next TCCN Meeting



**IEEE International Conference on Communications**  
9-13 June 2024 // Denver, CO, USA  
Scaling the Peaks of Global Communications



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