

ITC Meeting at IEEE GC 2024, Virtual Conference (Dec. 20, 2024)

Time: Friday December 20, 2024, 08:00–09:30 AM EST

Venue: IEEE Globecom 2024

Room: Zoom Meeting Room

Attendees: Paolo Bellavista, Yinfeng Cao, Prosper Chemouil, Kapal Dev, Pengwenlong Gu, Wei He, Sahar Hoteit, Ahmed Refaey Hussein, Xiaoming Fu, Ruidong Li, Wenjia Li, Stefano Secci, Yulei Wu, Kun Yang, Yankai Yin.

Welcome:

Ruidong LI opened the meeting and presented the agenda.

- 1. ITC introduction:** Ruidong described the IEEE, IEEE ComSoc, and TAC structure and presented the current/past ITC officers as well as the ITC community.
- 2. ITC meeting (May 28, 2024) minutes:** approved.
- 3. Ongoing IEEE ComSoc activity about TC restructuring:** Ruidong presented the current process of TC restructuring.
- 4. Conference activities**
 - ICC 2026 and GLOBECOM 2026: The nominations for ICC 2026 and GLOBECOM 2026 are completed. Next loop will be for ICC 2027.
 - ICC 2023: For NGNI symposium in ICC 2023, Mubashir H. Rehmani is ITC representative, and the co-chairs are Zuqing Zhu and Periklis Chatzimizios; 73 papers have been selected from 187 submissions.
 - ICC 2024: For NGNI symposium in ICC 2024, Raffaele Bruno is the ITC representative, and the co-chairs are Roberto Rojas and Halima Elbiaze; 60 papers have been selected from 167 submissions.
 - ICC 2025: Our nominations have been done for both NGNI and SAC cloud track. The ITC representative of NGNI is Kapal Dev and the co-chairs are Ilhem Fajjari and Panagiotis Papadimitriou; 277 submissions and the review process is in progress. For SAC cloud track, the ITC representative is Akram Hakiri and the co-chair is Halima Elbiaze; the number of submissions is 86 papers.
 - ICC 2026: 5 names were nominated for Symposium/SAC chair: Danda Rawat, Alessio Botta, Kaiping Xue, Chang Zheng and Raffaele Bruno.
 - GLOBECOM 2023: Ahmed Refaey Hussein is the representative for

the NGNI symposium, and 56 papers have been selected from 150 paper submissions.

- GLOBECOM 2024: For SAC-Quantum Communications symposium, Kaiping Xue has been nominated; 15 papers were accepted out of 39 submitted papers.
- GLOBECOM 2025: ITC recommended three members, Yulei Wu, Prasad Calyam and Richard Li.
- GLOBECOM 2026: The nominations have been done. ITC recommended 4 names: Biao Han, Akram Hakiri, Fatemeh Afghah and Huaming Wu.
- Global Internet Symposium 2023: 28th GI has been held in conjunction with INFOCOM 2023, and Paolo Bellavista and Kaiping Xue organized this event. Paolo Bellavista acts as GISC chair.
- Global Internet Symposium 2024: 29th GI has been held in conjunction with CloudNet 2024. Sahar HOTEIT and Roberto Goncalves Pacheco have organized this event; 8 papers were accepted out of 19 papers submitted. Ruidong discussed with the ITC meeting participants where 30th GI symposium can be organized in conjunction with. A recommendation from previous ITC chairs (Stefano Secci and Paolo Bellavista) to keep organizing the GI symposium on a regular basis with CloudNet conference.
- Current Endorsed Conferences: 6GNet 2024, BRAINS 2024, NoF 2024, TMA Conference 2024, ITU Kaleidoscope 2024, QCNC 2024, CIoT 2024, CSNet 2024, ICNC 2025, QCNC 2025, ICCCN 2025, MetaCom 2025, ITC 2025, ICIN 2025.

5. Publications Activities: Call for nominations for IEEE Transactions on Network Science and Engineering Associate Editor position has ended in June 2024.

6. ITC Awards: The selection process for 2024 and 2025 has not started yet.

7. Special Interest Groups (SIGs) Presentation

- Report from SIG on Industrial Communication Networks: Organization of conferences/workshops including: Symposium on Consumer Communications Networks and Connectivity (CCN) in conjunction with the 43rd IEEE International Conference on Consumer Electronics (ICCE 2025), Symposium on Next-Generation Networking & Internet" in conjunction with IEEE International Conference on Communications (ICC 2025), Symposium on Security in Future Networks in conjunction with 2024 IEEE Future Networks World Forum, Workshop in IEEE International Conference on Data Mining 2024, Workshop on Sustainable and Resilient Industrial Networks in IEEE ICC 2025, workshop "Automated

Machine Learning (AutoML) for Zero-touch Network and Service Management" with IEEE Wireless Communications and Networking Conference (WCNC 2024). Special Issues on " Industrial Communication Networks (ICNets) for Industry 5.0" at IEEE Open Journal of the Communications Society, "Self-Organizing Networks: Opportunities, Challenges, and Applications" at IEEE Communications Standards Magazine, "Consumer-centric Energy-efficient 6G Networks for Industry 5.0" at IEEE Transactions on Consumer Electronics. Editorial board in IEEE Transactions on Communications, IEEE Transactions on Green Communications and Networking, and IEEE Transactions on Consumer Electronics. Received Awards: Academic, Technology, and Business Award at the Irish Pakistani Professionals Association (IPPA) Annual Event 2024 and Listed in Top 2% of scientists in the world.

- Report from IEEE SIG on Internet Security: the past activities in 2023-2024 include a joint panel "WISE" for Women in Cybersecurity, a set of talks about an overview of data science for cybersecurity and two conferences: Cyber Security in Networking Conference (CSNET) 2023 and Conference on Blockchain and Distributed Ledger Technologies (BRAINS 2023).
- Report from IEEE ITC SIG on Network Measurements and Analytics NMASIG: Organization of conferences and workshops: Network Traffic Measurement and Analysis Conference (TMA), GNet Workshop hosted by ACM CoNEXT, WTMC Workshop hosted by IEEE (Euro) S&P, Big-DAMA Workshop hosted by ACM SIGCOMM and CoNEXT and Internet-QoE Workshop hosted by ACM SIGCOMM and MOBICOM.
- Report from 6G Networks and Beyond (6GB) SIG: A new SIG on 6G networks. Organizing chair and Industry track at the IEEE 6G Summit in 2024, Keynote speaker at WiMob 2024, Guest Editor of a Special Issue on Holographic Video Communication at IEEE Wireless Communication Magazine. Steering and Publicity Chair at GIIS 2025, TPC Co-Chair of ICCCN 2025, TPC Co-Chair at IEEE ICME 2025 and Industry Chair at IEEE WF-IoT 2025.
- Report from IEEE SIG on Intelligent Internet Edge (IIE): Organization of conferences/workshops including IEEE, Metacom 2025, ICCCN 2025, Infocom 2025 (Demo/Poster), ICCN 2025 Workshop in conjunction with IEEE INFOCOM 2025, QCNC 2025, ICNC 2025, IEEE HealthCom 2024, IEEE AIoT 2024.
- Call for new Special Interest Groups: Ruidong presented the details about SIG proposals' submission.

8. Standardization Activities: No update from ITC Standards Liaison.

9. IEEE ComSoc Student Competition: The Internet TC representative is Yulei Wu. Yulei reported the ComSoc student competition and its goal.

He presented the evaluation and ranking process. The selection committee is formed of 56 members; the co-chairs are Stefano Bregni and Nelson Fonseca.

10. Other business

- Ruidong introduced the method to join ITC.

11. Adjourn

- The next ITC meeting will be held at IEEE ICC 2025.