
Host Prof. Yan Zhang, University of Oslo, Norway (Chair of TCGCC)

Time 11/15/2021 9:00 AM Eastern Time

Location Online via Zoom

1. WELCOME/Registration

Prof. Yan Zhang initiated the TCGCC meeting. The meeting recorder was TCGCC secretary Kai Yang. Due to the inconvenience of the signature on the attendance sheet in the online meeting, the attendance registration was done through the Zoom chat box with their information of the name, affiliation and email during the meeting period. No participant attends from roll call.

2. Approval of the Agenda

The Agenda was presented by the Chair. There were no objections, and no abstentions. The Agenda was unanimously approved.

3. Approval of meeting minutes at ICC'21

Prof. Yan Zhang then presented the Minutes of the TCGCC meeting at ICC 2021. There were no objections, and no abstentions. The Agenda was unanimously approved.

4. TCGCC Introduction

Presenter: Prof. Yan Zhang (Chair of TCGCC)

Prof. Yan Zhang introduced the key information regarding the TCGCC committee and this meeting, including TCGCC website, TCGCC overview about topics, TCGCC key numbers (such as number of members, SIG), members' benefits, etc. Prof. Yan Zhang always encourages the colleagues to join our TCGCC. He also analyzed the trend of the participants of TC meetings. Finally, he introduced the current executive committee.

5. IEEE GC'21 Green Symposium

Co-Chair: R. Venkatesha Prasad and Kun Wang

Kun Wang introduced Green Communication Systems and Networks Symposium at IEEE GC 2021. The detailed data is listed as follows:

- Papers submitted: 93; Papers accepted: 37; Acceptance ratio: 39.8%
- 7 oral sessions, 3 nominated for best paper award (probably 2 will be selected)

6. Special Interest Groups (SIG)

8 SIG chairs presented their SIG information about scope and objectives, the chair group, and advisor, technical activities, Journal SI activities, conference activities, and recognitions, respectively.

- SIG on Green Cellular Networks – presented by Daniel K C So, The University of Manchester, UK
- SIG on Green Smart Grid Communications – presented by Damla Turgut, University of Central Florida, USA
- SIG on Green Computing and Data Processing – presented by Peng Li, The University of Aizu, Japan
- SIG on Green and Sustainable Networking and Computing with Cognition and Cooperation – presented by Lin Chen, Sun Yat-Sen University, China
- SIG on Energy Harvesting Communication Networks – presented by Christos Masouros, University College London, UK (Prof. Yan Zhang on behalf of Christos Masouros presented)
- SIG on Green AI – presented by Kun Wang, University of California, Los Angeles, USA
- SIG on Green Internet of Vehicles – presented by Celimuge Wu, University of Electro-Communications, Japan
- SIG on Green Communications and Computing against Pandemics – presented by Sudip Misra, India Institute of Technology, Kharagpur, India

7. TCGCC Journal Collaboration

TCGCC created the first initiative in IEEE ComSoc to build close collaboration between journals and technical committee! Win-Win-Win collaboration is for journals, technical committee, and members career development.

The collaborated journals include

- IEEE Transactions on Green Communications and Networking (3 recommended and joined the editorial board)
- Digital Communications and Networks (1 will be recommended)
- IEEE Systems Journal (2 joined editorial board)
- China Communications (7 nominations and 1 will be recommended and joined editor board)
- IEEE Open Journal of the Computer Society
- IEEE Networking Letters.

8. TCGCC Knowledge Transfer

Virtual Distinguished Lecture (VDL)

- Yan Zhang, “Digital Twin for 6G and IoT”, for ComSoc Argentina, November 2021
- Yan Zhang, “Blockchain and Federated Learning for IoT”, for IEEE-PT Blockchain Local Group/IEEE-PT Engineering Day, November 2021
- Yan Zhang, “Digital Twin for 6G and IoT”, for ComSoc Central Texas Joint Chapter, May 2021

Invited talk, keynote

- Keynote, MOBIHEALTH 2021, MONANI 2021, MOBIMEDIA 2021
- Panelist, panel “Green 6G” in IEEE ICC 2021

Seminars

- TCGCC/ETI-MLC joint seminar on “The future 6G paradigms: AI-enabled networks, cross-layering and wireless access”
- 2 TCGCC/eHealth Joint Webinars on “Healthcare IoT”

9. Discussion

Increase the number of members

- Increase visibility
- Online+offline TC meeting
- Seminar/talks organized by TCGCC.

Increase the number of submissions to “Green Communication Systems & Networks” symposium

10. More items and Adjourn

- SIG: welcome new SIG proposals or suggestions on reshaping the current SIGs.
- Seminar topics: any suggestions on the seminar topics
- Next f2f meeting: IEEE ICC 2022, Seoul, South Korea
- Prof. Vincent Chan, ComSoc President, and Prof. Jinsong Wu give insightful feedback.

Finally, we hope you enjoy healthy and happy winter. See you in ICC 2022!