

Communication Theory Technical Committee (CTTC)

GLOBEOM 2021, Madrid Spain
Virtual Meeting on November 17, 2021

EXECUTIVE SUMMARY

1. The minutes from GLOBECOM 2020 were approved.
2. The new “CTTC Seminar: 2+1 event” was introduced.
3. Announced new IEEE CTTC “Andrea Goldsmith Young Scholars Award”
4. 2021 CTTC Awards nomination procedure and receipts were announced.
5. GC 2021, ICC 2022, GC 2022 reports were given
6. CTW 2021, CTW 2022, CTW 2023 reports were given.

DETAILED MINUTES

The virtual meeting started at 10am US Eastern time, November 17, 2021 and was presided by Jeffrey Andrews, the Chair of CTTC. The recorded number of attendees was 86.

OPENING BUSINESS

1. J. Andrews opened the meeting by introducing what CTTC is, what it does, and introduced the current officers: Jeffrey Andrews (Chair), Petar Popovski (Vice Chair) and Y.-W. Peter Hong (Secretary).
2. J. Andrews paid special thanks to the past officers of 2019-2020.
3. J. Andrews additionally introduced the two officers: Standards Liaison Amitava Ghosh and Student Competition Program Rui Dinis
4. J. Andrews reviewed the executive summary in the minutes from the GLOBECOM 2020 CTTC meeting and asked for corrections or amendments. The minutes were approved without any changes.
5. P. Popovski introduced the newly established “CTTC Seminar: 2+1 event” and the two recent events on “Wireless communication with extreme bandwidth: THz and Free-Space Optical” and “OTFS for Next-generation Wireless Communications”.
6. J. Andrews introduced the new (almost) established IEEE CTTC “Andrea Goldsmith Young Scholars Award” and encouraged nominations.
7. P. Popovski, Chair of the Awards Committee, introduced the nomination procedure of the three distinct CTTC Awards. He announced that the 2021 Early Achievement Award recipients are Yuanwei Liu and Junil Choi, the 2021 Technical Achievement Award recipient is Leonard Cimini, and the 2021 Outstanding Service Award recipient is Matthew Valenti. He congratulated them all.

SYMPOSIA AND WORKSHOP REPORTS

8. Communication Theory Symposium Reports:

- GLOBECOM 2021 was reported by Syed A. Jafar. There were 96 paper submissions out of which 39 were accepted with 40% acceptance rate. The conference was held in a hybrid mode (1 in-person and 8 virtual sessions).
- ICC 2022 was reported by Emil Bjornson. There were 110 paper submissions currently under review. The conference is expected to be in-person.
- GLOBECOM 2022 was reported by Mark Flanagan. Submission not yet open.
- J. Andrews announced the CTS co-chairs for ICC 2023.

9. CTW Workshop Reports:

- J. Andrews gave an overview of CTW, and recent CTW locations.
- CTW 2021 Banff was reported by Andrew Eckford.
- CTW 2022 Marbella was reported by F. Javier López-Martínez.
- CTW 2023 Hualien proposal was presented by Y.-W. Peter Hong. It was remarked that the CTW2023 will be held directly after ISIT 2023, which will be in Taipei.

10. The meeting was adjourned at 11am, US Eastern time.

Minutes taken by Y.-W. P. Hong.