

Communication Theory Technical Committee (CTTC) Meeting

Globecom 2017, Singapore

December 5, 2017

EXECUTIVE SUMMARY

1. The minutes from the ICC 2017 meeting were approved.
2. The 2017 CTTC Awards were announced and one award plaque was presented.
3. Conference reports were given for Globecom 2017, ICC 2018 and Globecom 2018.
4. Workshop reports were given for CTW 2018 and CTW 2019.

DETAILED MINUTES

Meeting called to order at 6:35 PM by Erik Perrins, Chair.

OPENING BUSINESS

1. E. Perrins opened the meeting by briefly explaining what CTTC is.
2. E. Perrins reviewed the main items from the ICC 2017 minutes. The minutes were approved with no corrections or additions.
3. In his Chair's Remarks, E. Perrins explained the main responsibilities of CTTC (oversight of CTW, GC/ICC comm theory symp and related symposia, other activities like Fellow endorsements and internal CTTC awards). He also covered the mailing list and the way that one can become a member, and also an active member. The meeting attendees were encouraged to volunteer by e-mail if interested in serving as GC/ICC symposia co-chair, or helping organize a future CTW. He also reminded attendees of the COMSOC best readings and that Massive MIMO has recently been updated. Further contributions to these readings were invited.
4. The new fellows were acknowledged: Pascal Frossard, Alex Gelman, Aleksandar Kavcic, Jungwon Lee, Saverio Mascolo, Mehul Motani, Stefan Parkvall, Tony Q.S. Quek, Matthew Valenti, and Weifeng Su.
5. The 2017 CTTC Award recipients were announced by U. Mitra. Tony Q. S. Quek was presented with the Early Achievement Award. However, Deniz Gunduz (Early Achievement), Robert W. Heath Jr. (Outstanding Service), and Behnaam Aazhang and Michael B. Pursley (Technical Achievement) have elected to have awards presented at future events. Our congratulations to all the recipients.

SYMPOSIA AND WORKSHOP REPORTS

6. **Communication Theory Symposium Reports:**

- **Globecom 2017:** M. Di Renzo reported the following statistics: 66 accepted out of 170 submissions (38.82%); 148 TPC members; 10 oral and 2 interactive sessions. Co-chairs were: M. Di Renzo, L. Lai and W. Chen.

Best paper award: On Heterogeneous Coded Distributed Computing, Mehrdad Kiamari, Univ. Southern California, USA, Chenwei Wang, DOCOMO Innovations, Inc., USA, Salman Avestimehr, Univ. Southern California, USA.

- **ICC 2018:** M. ElKashlan gave general information about the dates and venue. The co-chairs are: Maged ElKashlan, Aylin Yener and Yonghui Li. There are 111 submissions and 138 TPC members.
- **Globecom 2018:** Neelesh Mehta, Mexia Tao and Koichi Adachi are co-chairs. Asked for volunteers for TPC from CTTC meeting attendees.

7. **Workshop Reports:**

- **CTW 2018:** E. Perrins presented plans for the workshop at the Hilton Sandestin Resort, near Destin Florida (contract currently being negotiated). This comes after a late venue change due to venue unavailability due to a Hurricane. The workshop dates remain May 14-16, 2018, the week before ICC'18. E. Perrins presented a preliminary draft of the technical program. General co-chairs are E. Perrins and D. Love.
- **CTW 2019:** P. Popovski presented the location of the workshop in Iceland (Selfoss Hotel), including beautiful photos, the workshop dates are May 25-29, 2019 in Iceland. Banquet hotel option mentioned. General chair is P. Popovski

MORE BUSINESS

8. **New Business**

- E. Perrins CTW indicated that the steering committee charter will be presented for approval at ICC'18 (Kansas City).

9. The meeting was adjourned at 7:15 pm to be reconvened in May 2018 at ICC 2018, Kansas City (tentative time/ date Monday May 21st at 6.30pm).

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Minutes taken by P. Martin.

Attendance List (in alphabetical order, apologies for any typos): 55 in attendance

Osama Amin

Ender Ayanoglu

Srikrishna Bhashyam

Abdulkadir Celik

Symeon Chatzinotas

Wei Chen

Julian Cheng

Junil Choi

Bruno Clerckx

Justin Coon

Mohamed Chraiti

Rui Dinis

Marco Di Renzo

Tolga M. Duman

Salman Durrani

Andrew Eckford

Maged Elakashlan

Hesham ElSawy

Gerhard Fettweis

Stefano Galli

Ali Ghrayeb

Martin Haenggi

Yejun He

Syed A. Jafar

Tamer Khattab

Angel Lozano

Yao Ma

Ranjan K. Mallik

Philippa Martin

Michalis Matthaiou

Neelesh B. Mehta
Abdelhamid Mellouk
Hlaing Minn
Urbashi Mitra
Andy Molisch
Mehul Motani
Ayfer Ozgur
Benoit Pelletier
Erik Perrins
Petar Popovski
Tony Quek
Peter Rost
John Shea
Yuan Shen
Daniel So
Luca Sanguinetti
Himal Suraweera
Tommy Svensson
Antti Tolli
Leszek Szczecinski
Sennur Ulukus
Matt Valenti
Michal Vondra
Yongpeng Wu
Guodong Zhao