

IEEE Communications Society

## **Data Storage Technical Committee Meeting at Globecom 2017**

Wednesday, Dec 7, 12:45 to 13:30, Marina Bay Sands Singapore, Room 4E

Brian M. Kurkoski, DSTC Chair

Cai Kui, Meeting Chair

Download agenda: <http://dstc.committees.comsoc.org/meetings/>

# Agenda

**DSTC**

**Data Storage Technical Committee  
IEEE Communications Society**

- **Committee Mission and Officers**
- **Data Storage Tracks at ICC/Globecom**
  - [Globecom 2019](#) in Big Island of Hawaii, USA. Anxiao (Andrew) Jiang, Track Chair nominee.
  - [ICC 2019](#) in Shanghai, China. Xinmiao Zhang, Track Chair nominee
  - [Globecom 2018](#) in Abu Dhabi, United Arab of Emirates. Eitan Yaakobi, Track Chair nominee.
  - [ICC 2018](#) in Kansas City, Missouri, USA. Shayan Garani Srinivasa, Track Chair.
  - [Globecom 2017](#) in Singapore. Cai Kui, Singapore University of Technology and Design, Track Chair
  
- **Paper submission data**
- **Best Paper Award committee status report**
- **Membership report**
- **Mailing List Activity**

# IEEE ComSoc DSTC

# DSTC

**Data Storage Technical Committee**  
**IEEE Communications Society**

## ▪ **Goals and activities:**

- Technical committee under IEEE Communications Society to promote data storage related technologies and their applications.
- The Data Storage Technical Committee (DSTC) promotes advances in state-of-the-art communications, signal processing and coding technologies to enhance data storage systems, in order to achieve high storage densities, fast access, and low error rates.
- Activities: sponsoring / co-sponsoring technical sessions at major conferences, organizing workshops and tutorials, and organizing special issues of IEEE journals and magazines.
- Bridge between storage industry and universities to engage research collaboration

## ▪ **Members**

- 31 Active Members
- 236 Members

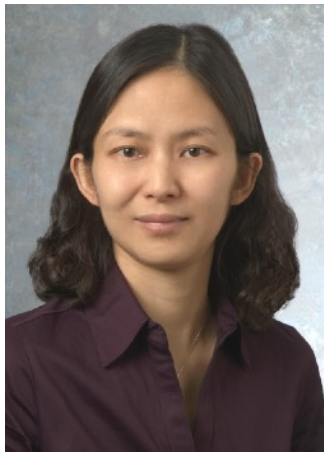
# 2017-2018 Officers



## **Chair**

Brian Kurkoski

Japan Advanced  
Institute of Science  
and Technology



## **Vice-Chair from Industry**

Xinmiao Zhang

Ohio State University  
(formerly Western  
Digital Corp)



## **Vice-Chair from Academia**

Shayan Garani  
Srinivasa

Indian Institute of  
Science



## **Secretary**

Jeongseok Ha

Korea Advanced  
Institute of Science  
and Technology



## **Treasurer**

Qi Qi

Avago Technologies

# Globecom 2017

- 4-8 Dec. 2017 // Singapore
- Selected Areas in Communications (SAC) Data Storage Track
- Track Chair: Cai Kui (SUTD)
- Updates:
  - 7 accepted papers (out of 18 submissions)
  - SAC-DS.1, regular oral session, 5 papers (time& venue: TBD)
  - SAC-DS.P1, interactive session, 2 papers (time& venue: TBD)

## ▪ TPC members

- Benjamin Belzer, Washington State Univ.
- Fatih Erden, Seagate Technology
- Anxiao (Andrew) Jiang, Texas A&M University
- Borja Peleato, Purdue University
- Iryna Andriyanova, ENSEA/Univ. of Cergy-Pontoise/CNRS
- Jeongseok Ha, KAIST
- Thomas Mittelholzer, IBM Zurich Research Laboratory
- [B. V. K. Vijaya Kumar](#), CMU
- Xinmiao Zhang, Sandisk
- Qi Qi, Broadcom
- [Lara Dolecek](#), UCLA
  
- Alexandre Graell i Amat, Chalmers University of Technology
- Roy Cideciyan , IBM Zurich Research Laboratory
- J. R. Cruz, University of Oklahoma
- Suayb Arslan, MEF University
- Ravi Motwani, Intel
- Ying Tai, SanDisk
- Bane Vasic, University of Arizona
- [Edward Au](#), Huawei Technologies
- Qin Huang, Beihang University
- Haitao (Tony) Xia, Broadcom
- Eitan Yaakobi, Technion

# ICC 2018 - Kansas City

- *Shayan Garani, Track Chair*
- Paper submission and review status
  - Initially 11 papers have been submitted, 1 paper is out of scope
  - The 10 papers have been assigned at least 4 reviewers each, reviews reports expected by 12/5/2017

## ▪ TPC members

- **Benjamin Belzer, Washington State Univ.**
- **Cai Kui, Singapore Univ. of Tech and Design**
- **Anxiao (Andrew) Jiang, Texas A&M University**
- **Tong Zhang, RPI**
- **John R Barry, Georgia Tech**
- **Jeongseok Ha, KAIST**
- **Haralampos Pozidis, IBM Zurich Research Laboratory**
- **Xinmiao Zhang, Ohio State Univ.**
- **Aravind Nayak, Broadcom Corporation**
- **Soheil Mohajer, U. Minnesota**
- **B V K Kumar, CMU**
- **Alexandre Graell i Amat, Chalmers University of Technology**
- **Roy Cideciyan , IBM Zurich Research Laboratory**
- **Suayb Arslan, MEF University**
- **Brian Kurkoski, JAIST**
- **Ravi Motwani, Intel**
- **Bane Vasic, University of Arizona**
- **Paul Siegel, UCSD**
- **Kees Immink, Turing Machine Inc**
- **Roy Cideciyan, IBM Zurich**
- **Eitan Yaakobi, Technion**
- **Edward Au, Huawei Tech.**

**Report: Shayan Garani**

# Globecom 2018

- 9–13 December 2018 // Abu Dhabi, United Arab Emirates
- Deadlines:
  - Technical Symposia Papers: 15 April 2018
  - Tutorial Proposals: 18 March 2018
  - Workshop Proposals: 25 February 2018
- We submitted a track chair (Eitan Yaakobi, Technion)
- There will not be a dedicated data storage track at Globecom 2018
  - This is per Abbas Jamalipour, the general TPC chair
- Instead SAC “Cloud Computing, Networking and Data Storage” track
  - Chair is Khaled Salah, Khalifa University
- Papers can be submitted to Cloud Computing (or other symposia)
  - Proposal: request data storage experts added to the Cloud Computing TPC
- Alternative: we can propose a workshop on data storage

# ICC 2019

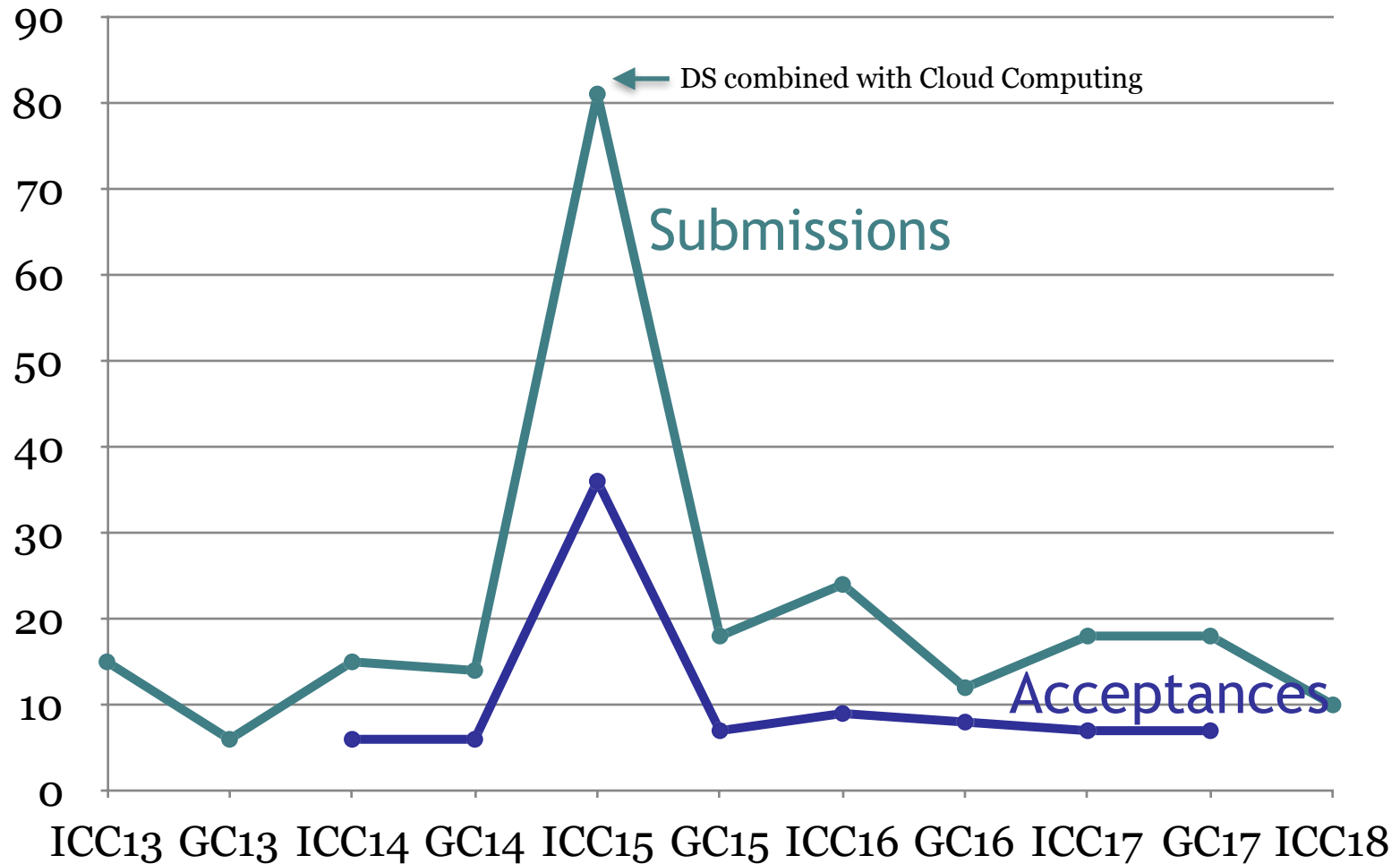
- Shanghai, China.
- Track Chair: Xinmiao Zhang, Ohio State University
- Approved in August 2017

# Globecom 2019

- Big Island of Hawaii, USA
- Track Chair nominee: Anxiao (Andrew) Jiang, Texas A&M University
- Notification expected Feb 2018



# DS Number of Submissions



- Acceptance rate is fixed at around 40% by ComSoc
- Goal: more submissions

# Best Paper Award Status

- DSTC gives a Best Paper Award and a Best Student Paper Award
- We missed the window for the 2016 awards
- Proposal:
  - Form a 2016–2017 Best Paper Award committee
  - Data storage papers published in 2016 or 2017 are eligible.
  - Expect to have 2 co-chairs and about 5 committee members.

# DSTC Web Site

- Now hosted on ComSoc web site, WordPress-based
- <http://dstc.committees.comsoc.org>
- Google “DSTC IEEE”
- Send updates to Jeonseok Ha



## Data Storage Technical Committee

Google Custom Search

Search

in

[Home](#) [Mailing List](#) [Activities](#) [Awards](#) [Officers](#) [Meetings](#) [2017-2018 Election](#)

## Welcome to the Data Storage Technical Committee

The **Data Storage Technical Committee** is a [technical committee](#) of the [IEEE Communications Society](#).

### Charter

The Data Storage Technical Committee (DSTC) promotes advances in state-of-the-art communications, signal processing and coding technologies to enhance data storage systems, in order to achieve high storage densities, fast access, and low error rates. This is accomplished by activities such as sponsoring technical sessions at major conferences, organizing workshops and tutorials, and organizing special issues of IEEE journals and magazines.

# DSTC

**Data Storage Technical Committee**  
**IEEE Communications Society**

### NEWS

- DSTC officer election is coming, [see information on candidates for the 2017-2018 term](#). November 16, 2016
- You have found the new DSTC web site. ComSoc now provides a nifty new site, although we lost the old design with its patterned media background. Eventually, the old site will disappear. November 16, 2016
- [ICC 2017](#) will be held in Paris, France. Submit your papers to the [Data Storage](#)

# Become a Member

DSTC Member = On the DSTC mailing list

## **Subscribe**

- To subscribe to the DSTC mailing list, send a message to:
- `listserv@listserv.ieee.org`

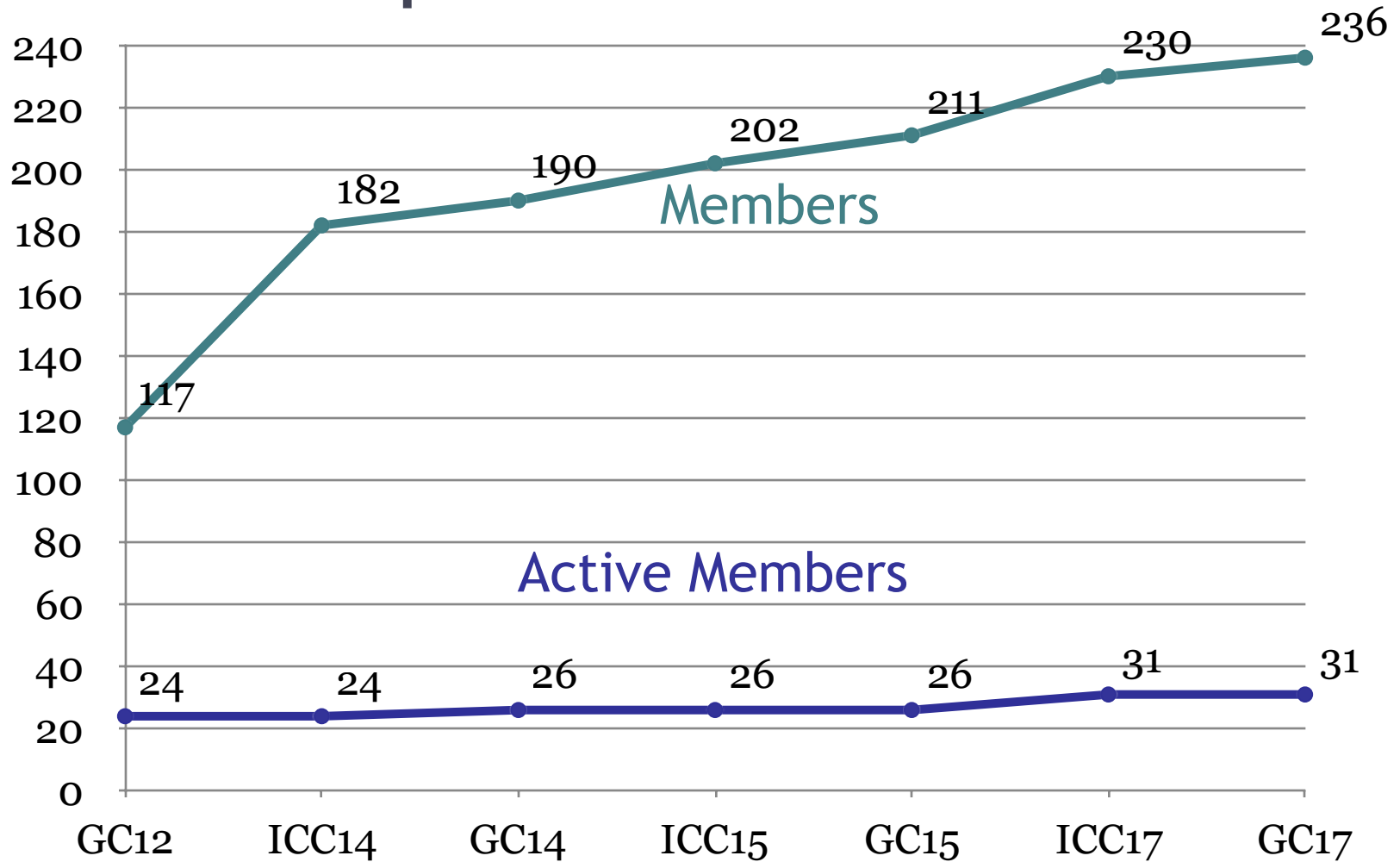
with message body:

- `subscribe dstc Your Name, Your Affiliation`

## Active Members

Attend TC meetings at least twice in person or through teleconferencing in the past three years; (2) Organized and chaired a data storage track at ICC/Globecom in the past three years; (3) Served in a Data Storage Track/Workshop TPC at least twice in the past three years at ICC/Globecom

# Membership Growth



# Mailing List Activity

Recent mailing list activity:

- Announce upcoming Globecom/ICC Call for Papers
- Best paper awards

**How to use the mailing list to improve data storage visibility?**