



IEEE Communications Society

## **Data Storage Technical Committee Meeting at ICC 2018**

Wednesday, 23 May, 10:00-11:00 am CDT, Presidents Room, Westin Kansas City

Brian M. Kurkoski, DSTC Chair

Tolga Duman, 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**
- **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
- 237 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

# ICC 2018 - Kansas City

- *Shayan Garani, Track Chair*
- Paper submission and review status
  - Initially 11 papers were submitted, 1 paper is out of scope
  - 3 papers accepted
  - Wednesday, May 23 14:00–15:45 (SAC-PLC-DS.01, Room: Fremont)

## ▪ 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
- 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
- Some of the TPC members are from the data storage community

# ICC 2019

- 20-24 MAY 2019 // Shanghai, China
- Deadlines:
  - **Technical Symposia Papers: 14 October 2018**
  - Tutorial Proposals: 11 November 2018
  - Workshop Proposals: 15 July 2018
- Data Storage track is selected as part of the Selected Areas in Communications (SAC) Symposium
- Track Chair: Xinmiao Zhang, Ohio State University
- Updates

# Globecom 2019

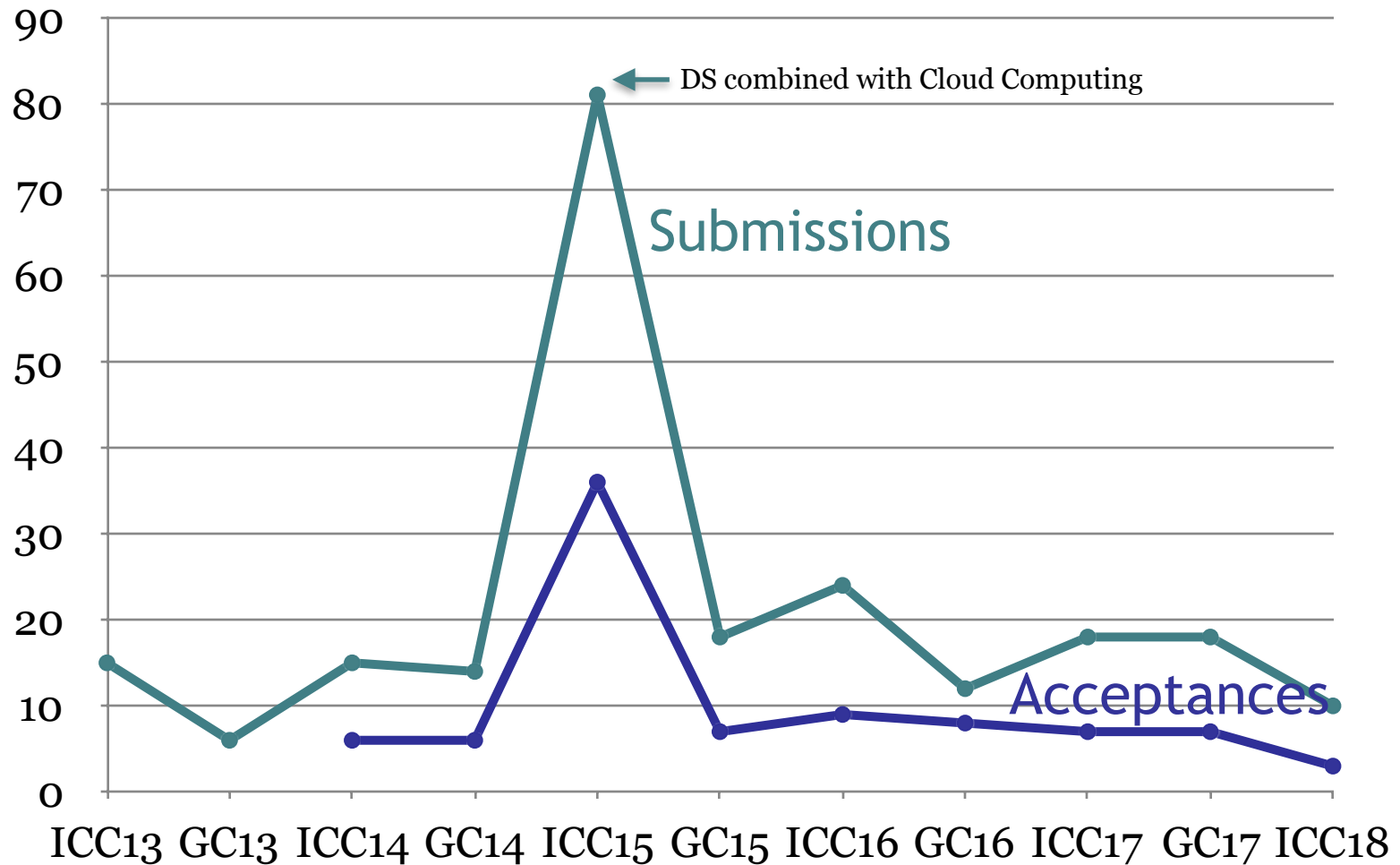
- Big Island of Hawaii, USA
- Track Chair nominee: Anxiao (Andrew) Jiang, Texas A&M University
- Approved

# ICC 2020

- June 7–11
- Dublin Ireland
- No call for chairs has arrived.



# DS Number of Submissions



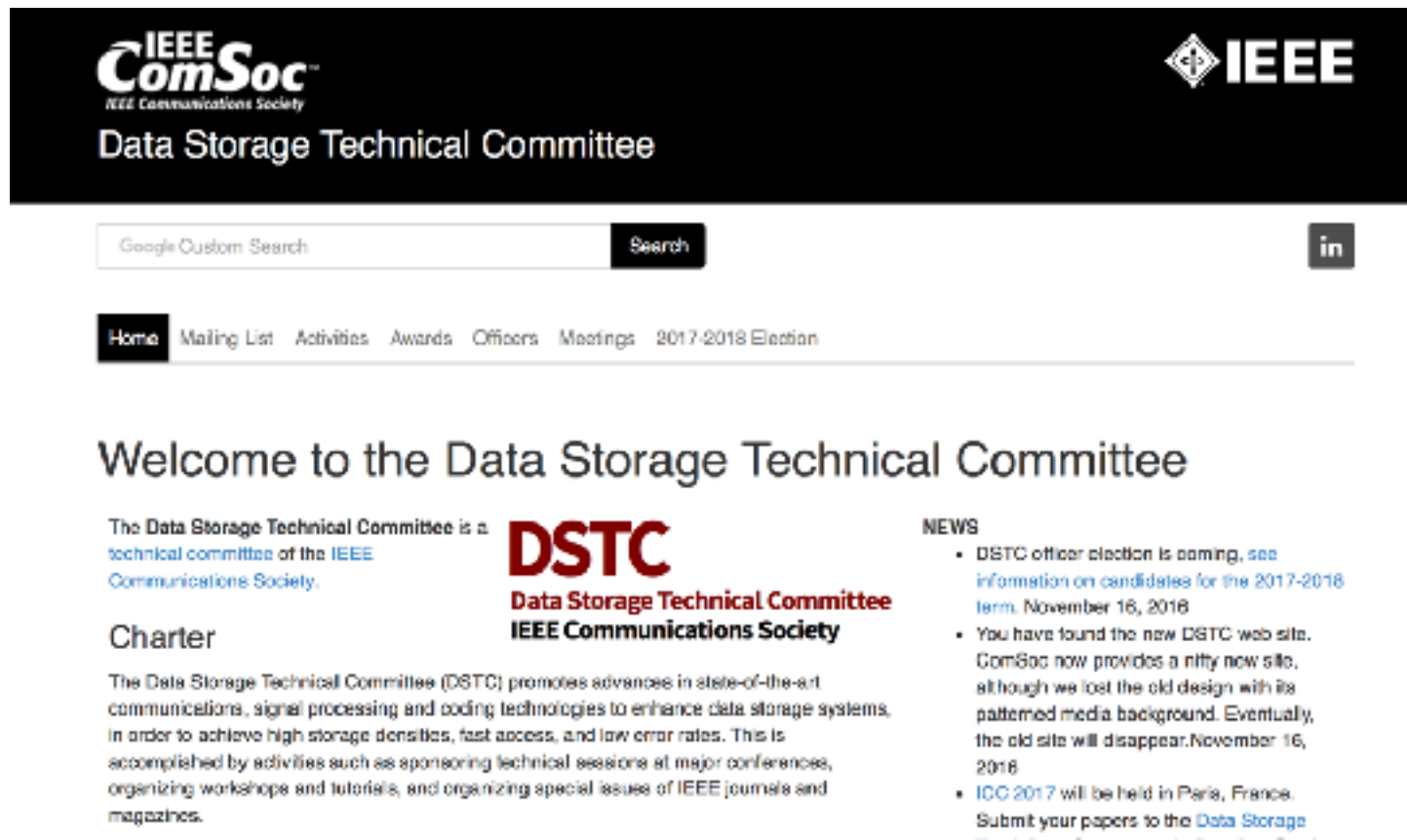
- Acceptance rate is fixed at around 40% by ComSoc
- Goal: more submissions

# 2016-17 Best Paper Award

- DSTC gives a Best Paper Award and a Best Student Paper Award
  - 2016–2017 Best Paper Award
  - 2016–2017 Best Student Paper Award
- Co-Chairs:
  - Chao Tian (Texas A&M)
  - Yuval Cassuto (Techion)
  - Expect to have about 5 committee members.
- Status:
  - Now forming committee
  - Deadline for nominations July 31, 2018, expected.

# DSTC Web Site

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



The screenshot shows the homepage of the IEEE ComSoc Data Storage Technical Committee. At the top left is the IEEE ComSoc logo, and at the top right is the IEEE logo. Below the logos is the text "Data Storage Technical Committee". A search bar with the text "Google Custom Search" and a "Search" button is located below the committee name. To the right of the search bar is a small "in" icon. Below the search bar is a navigation menu with the following items: Home, Mailing List, Activities, Awards, Officers, Meetings, and 2017-2018 Election. The main content area features a large heading "Welcome to the Data Storage Technical Committee". Below this heading is a paragraph describing the committee as a technical committee of the IEEE Communications Society. To the right of this paragraph is the DSTC logo, which consists of the letters "DSTC" in a large, bold, red font, with "Data Storage Technical Committee" and "IEEE Communications Society" in a smaller, black font below it. To the right of the DSTC logo is a "NEWS" section with a list of three items: "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", and "ICC 2017 will be held in Paris, France. Submit your papers to the Data Storage".

**IEEE ComSoc**  
IEEE Communications Society

**IEEE**

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

(1) 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

