

# Internet Technical Committee Meeting

IEEE ICC 2019  
Shanghai, China

Dijiang Huang  
Internet TC Chair  
(Arizona State University, USA)

# Meeting Agenda

1. Introduction
2. Approval of last meeting minutes
3. Conference activities
4. SIG Presentation
5. IEEE ComSoc Student Competition
6. Open discussions and other business
7. Adjourn

# 1. Introductions

Structure: IEEE, ComSoc, and TAC

IEEE

IEEE Communication Society (ComSoc)

- One of the 38 societies of IEEE

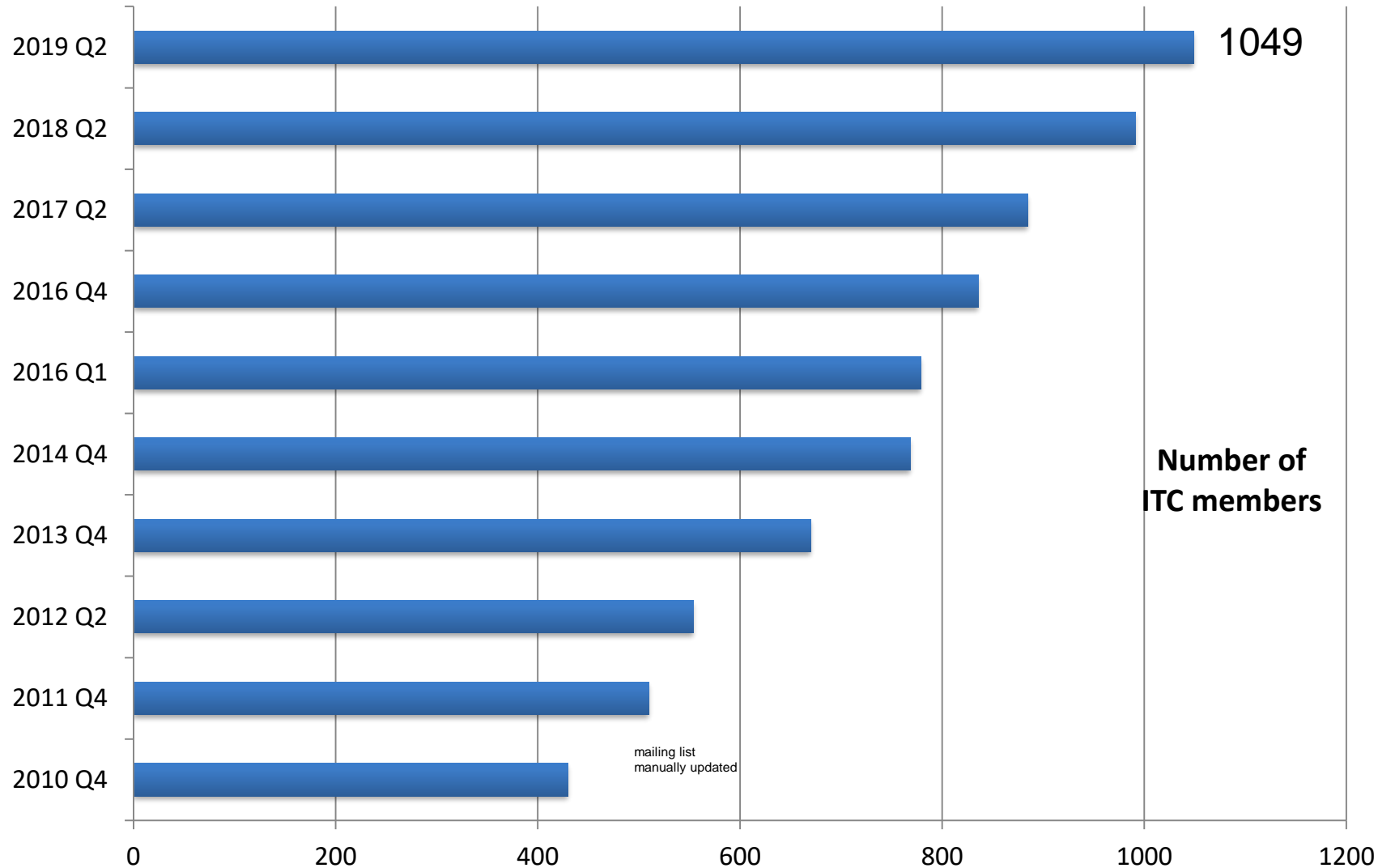
ComSoc Technical & Education Activities (TEA)

- Members: VP Technical Activities, TAC Vice-chair, TC Chairs and Vice-chairs
  - 27 TCs, 7 Emerging Tech. Initiatives:  
<http://www.comsoc.org/about/committees/Technical>
  - Internet TC is a joint tech. committee of ComSoc and ISOC

# 1. ITC Officers

- **Officers (2018-2019):**
  - Chair:  
Dijiang Huang (Arizona State University, USA)
  - Vice-Chair:  
Michele Nogueira (Federal Univ. of Paraná, Brazil)
  - Secretary:  
Paolo Bellavista (DISI, Università di Bologna, Italy)
  - Elected in Fall 2017.  
Next elections: Fall 2019.
- **Previous Chairs (1995-2017):**
  - Stefano Secci (2015-2017), J. Lloret-Mauri (2013-2015), Xiaoming Fu (2011-2013), Deep Medhi (2007-2011), Markus Hoffman (2004-2007), Joe Touch (2000-2004), Henning Schulzrinne (1995-2000)

# 1. ITC Community



# 1. ITC Community

## ITC Mailing List

- 1049 “correct” subscribers (2019 Q2)
- In the last 6 months:
  - 892 successful posts
  - 46 new completed subscriptions
  - 21 un-subscriptions
- Mailing list cleaning
  - Semi-automatically configured for users’ deletion in case of "permanent" errors (no such user, no such host, etc.), e.g., after 5 bounces
  - Additional manual check on May 2, 2019

## 2. Approval of Dec 11, 2018, ITC Meeting Minutes

<http://itc.committees.comsoc.org/files/2018/12/ITC-Meeting-minutes-at-IEEE-Globecom-2019-2.pdf>

# 3. Conference Activities

- IEEE ICC & GLOBECOM 2019-2021
- IEEE INFOCOM Global Internet Symposia
- Current endorsed conferences
  - ITC31, ICIN, DRCN, TMA and ITU Kaleidoscope
  - **Representatives, please check the website**  
<http://itc.committees.comsoc.org/activities/>



# 3. ICC 2019



IEEE International Conference on Communications  
20-24 May 2019 // Shanghai, China  
Empowering Intelligent Communications



[HOME](#) [ABOUT](#) [COMMITTEE](#) [AUTHORS](#) [HOTEL / TRAVEL](#)



*EMPOWERING INTELLIGENT  
COMMUNICATIONS*

- Stefano Secci (ITC) and Rami Langar (appointed by TCIN) in the NGNI symposium
- 229 valid submissions
- 90 accepted papers
- 10 topical session of 5 papers each
- 2 interactive sessions of 10 papers each

# 3. GLOBECOM 2019



IEEE Global Communications Conference  
9-13 December 2019 // Waikoloa, HI, USA  
Revolutionizing Communications



- ITC representatives:
  - Alessio Botta (NGNI)
  - Pietro Manzoni (SAC - Internet of Things)
- number of submissions: 193;
- number of (confirmed) TPC members: 187.

Technical Paper Submission:  
15 April 2019  
~~1 May 2019~~  
**10 May 2019 (23:59 EDT)**

# 3. GLOBECOM 2020

Taipei, Taiwan, December 2020

Nominations have been done for:

- Next Generation Networking and Internet Symposium (our sponsored symposium)
- SAC - Cloud & Fog/Edge Computing, Networking and Storage
- ITC representative:
  - Jerzy Domżał, AGH University of Science and Technology, Poland

# 3. ICC 2021

Montreal, Canada, 2021

Nominations have been done for:

- Next Generation Networking and Internet Symposium (our sponsored symposium)
- SAC Tactile Internet

# 3. 22<sup>th</sup> IEEE INFOCOM Global Internet Symposium

In conjunction with IEEE INFOCOM 2019, April  
29 – May 2, 2019, Paris, France

Co-chairs: Steve Uhlig (QMUL, UK) and Felix Cuadrado (QMUL,  
UK)

- Here are the stats:
- Submissions: 11
- Accepted papers: 5
- Attendance: 12 (on average)
- GI was half a day only given the number of submissions,  
in 2 sessions + one keynote.

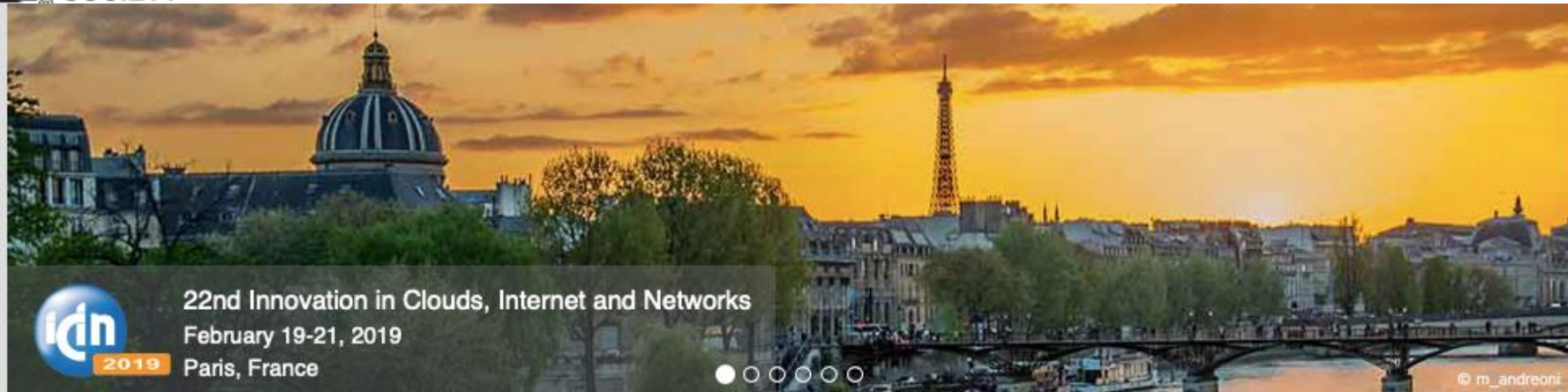
# 3. IEEE INFOCOM

## Global Internet Symposium

- Rules for the composition of the GISC (GI Steering Committee)
  - The ITC chair acts as GISC chair
  - one from each of recent 3-4 editions of GI, considering the institution/country/continent diversity maximization as first criterion.
- New GISC taking in charge GI'18 and GI'19
  - [Dijiang Huang](#) Chair/GISC [Chair/ITC] (ASU,USA)
  - [Stefano Secci](#) (UPMC, France)
  - [Kevin Almeroth](#) (UC Santa Barbara, USA)
  - [Olaf Maennel](#) (Tallinn University of Technology, Estonia)
  - [Stefan Schmid](#) (TU Berlin, Germany)
  - [Toru Hasegawa](#) (Osaka University, Japan)
- Thanks to outgoing members:
  - [Jaime Lloret Mauri](#) (UPC, Spain)
  - [Jun Li](#) (Oregon U., USA)
  - [Marcelo Bagnulo Braun](#) (UC3M, Spain)

# 3. IEEE GLOBECOM & ICC

- Nominations – refresh on the procedure
  - About the co-chair position: each symposium will have its own technical program committee that is managed by a set of 2-4 Symposium Co-Chairs. The co-chairs retain full responsibility for all aspects of the symposium technical program, including the shaping of its technical program, managing the review process, selecting accepted papers, and organizing its sessions. Symposium co-chairs are highly respected leaders in their fields of expertise, with outstanding records of IEEE publications and proven experience in the peer review process.
  - Strongest profiles will be nominated so as to increase selection chances
  - Send nominations to [ITC\\_Officers@comsoc.org](mailto:ITC_Officers@comsoc.org)
  - Next loop for GC 2021 & ICC '22 nominations



- ITC representatives: Prosper Chemouil, Stefano Secci, Paolo Bellavista
- Submission Status:
  - 21 full papers, 31% acceptance rate
  - plus 6 short papers and 4 demo papers
  - 4 keynotes from industry and academia



# DRCN 2019

15<sup>th</sup> International Conference

## Design of Reliable Communication Networks

March 19-21, 2019  
Coimbra, Portugal



ITC representatives: Prosper Chemouil, Stefano Secci, Deep Medhi

- 45 total submissions
  - 38 papers submitted to DRCN general call (accepted 19 : 15 full papers and 4 short papers)
  - 7 submitted to the Special Session on Disaster Resilience of Communication Networks (accepted 3 as full papers)
- Acceptance rate 39%

# TMA 2019



- ITC representatives: Stefano Secci, Antonio Pescape, Pedro Casas
- Call for participation <http://tma.ifip.org/2019/>
- 65 submissions (apparently this is a record for TMA)
- 24 accepted papers
- 36.9% acceptance rate



**ITC 31- Networked Systems and Services**  
27-29 August 2019, Budapest

- ITC Representatives: Pedro Casas, Michael Menth, Tobias Hoßfeld
- Conference Statistics
  - Submissions: 46 registrations and 34 full paper
  - accepted: 15 (44.1%)
- Extras:
  - 9 short papers
  - All papers received three or more independent reviews

## IMPORTANT DATES

March 31, 2019: Paper registration deadline

April 4, 2019: Registered paper finalization deadline

May 13, 2019: Expected notification date

June 10, 2019: Camera ready copy deadline

June 17, 2019: Author registration deadline

August 27-29, 2019: Conference Date



- ITC Representatives: ??
- Deadlines
  - Paper Submission: June 3, 2019
  - Acceptance Notification: July 27, 2019
  - Camera Ready due: September 07, 2019
  - Conference: October 1 – 3, 2019

11<sup>TH</sup> ITU ACADEMIC CONFERENCE

# ITU KALEIDOSCOPE

ATLANTA 2019

*ICT for Health:  
Networks, standards  
and innovation*

4-6 December  
Atlanta, USA

- ITC Representatives: Paolo Bellavista, Dijiang Huang, Stefano Secci
- Deadlines
  - Submission of full paper proposals extended: 1 July 2019
  - Notification of paper acceptance: 23 September 2019
  - Submission of camera-ready accepted papers: 14 October 2019

# 3. Technical Co-Sponsorship Procedure

- Technical Co-Sponsorship – refresh on the procedure
  - You are organizing a conference in the scope of ITC (i.e., Internet as primary scope)
  - TPC contains 3+ ITC members
  - Wish IEEE publication and ComSoc dissemination (magazines, etc)
  - Send required material to [ITC\\_Officers@comsoc.org](mailto:ITC_Officers@comsoc.org)
    - Names of ITC members in the TPC
    - CFP in PDF & website
    - Topics related to the Internet scope
    - Acceptance statistics from the previous 3 events (if new, detailed description of the new event, targeted reach, target acceptance rate)
  - Do this at least 4 months before paper submission deadline, 6 months ahead the conference takes place
  - Do not show IEEE/ComSoc logos and “pending” string in CFP and website until approval

## 4. ITC Awards

Every two years and will be  
nominated in the next ICC 2020.

# 5. ITC Special Interest Groups (SIGs)

- Active (will report in ICC 2019)
  - Network Support for Games
  - Network Measurement and Analytics
  - Internet Security
  - **Intelligent Edge – New!**
- **Presentation list:**
  - Stefano Secci for Internet Security SIG
  - Ruidong Li for Intelligent Edge SIG



# 5. Call for new Special Interest Groups

- New propositions are welcome!
- A SIG is generally opened
  - on a very recent subjects **in Internet-working**,
  - if there is a **clear activity** related to the subject,
    - Conferences, workshops, special issues, standardization, large research projects, etc
  - in which ITC members are involved and willing to report.
- Please send propositions to [ITC\\_officers@comsoc.org](mailto:ITC_officers@comsoc.org)

# 7. IEEE ComSoc Student Competition 2018

- *Communication Technology Changing the World*
  - **Goal:** recognize students or teams of students with the capacity to improve people's lives through communication technology and the development of projects that meet the human needs of people
- Prizes
  - 1st: USD \$2000 + plaque
  - 2nd: USD \$1000 + plaque
  - All other projects judged meritorious by the evaluation committee will receive *honorary certificates* of appreciation by the IEEE Comsoc
- Submission
  - Follow the requirements provided by IEEE
  - Project and optionally a video about the project
  - Deadline is usually in September
  - <http://www.comsoc.org/communications-technology-changing-world>

# 7. IEEE ComSoc Student Competition 2018

- Selection Committee
  - **Co-Chairs:** Prof. Stefano Bregni and Prof. Nelson Fonseca
  - 47 Members from different TCs (Michele Nogueira is the representative from ITC)
  - 33 submissions
- Review and Selection Procedure
  - **Phase 1**
    - Project submission
    - Committee evaluation, similar to technical paper evaluation
  - **Phase 2**
    - Projects ranked
    - Each member voted for the best among the top a few projects

# 7. IEEE ComSoc Student Competition 2018

Here the winners of the ComSoc Student Competition 2018:

- FIRST PRIZE

- *Passenger Flows: Crowd Mobility Analytics with Edge Computing in Public Transport*

Bitterschulte Kai, TU Dortmund University, Germany

- SECOND PRIZE

- *iDriveSense: Towards Efficient Road Information Services*

Amr El-Wakeel, Aboelmagd Noureldin, Hossam S. Hassanein, Queens University, Canada

- "HONORARY MENTION" CERTIFICATE for 8 projects.

- <https://www.comsoc.org/education-training/student-competition/student-competition-winners>

# 9. Fall elections of 2019

- Election committee (see P&P)
  - Current ITC chair and last two chairs + up to two additional members if needed
  - Dijiang Huang, Deep Medhi, Stefano Secci (chair)
- Modalities:
  - Voters must be IEEE comsoc members and active ITC members
  - Via email. Instant Runoff Voting
  - Nominations to be solicited in July, 2019, with Sept as deadline
  - Candidates announced in Oct.
  - Request to register to vote sent on Oct.
  - Voting decision by the end of Oct.

# 10. Other Business

- Join ITC:
  - **Join the mail list** by sending an email to [listserv@comsoc.org](mailto:listserv@comsoc.org) and type in the body of the message "join itc FirstName FamilyName"
  - Participate/raise discussions in the list
  - Provide your inputs and help

# 11. Adjourn

Next ITC meeting:  
IEEE Globecom 2019