



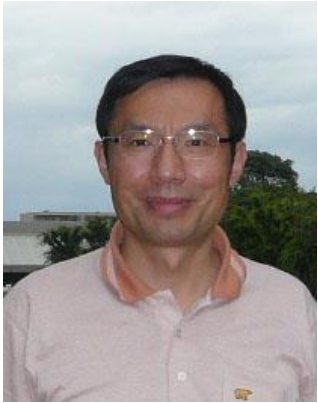
TCBD Meeting
TC on Big Data
ICC 2018, Kansas City
May 22, 2018

Number of participants: 51

Agenda

1. Welcome / Introduction
2. Approval of the Agenda
3. Approval of the GC 2017 TSBD meeting minutes
4. Conference issues
5. Journal publication issues
6. Special Interest Groups (SIGs) issues
7. Standardization issues
8. TCBD Awards
9. Any other Business
10. Next TCBD meeting
11. Adjourn

Officers (1)



Jie Li, Chair (Global and Asia Pacific)

Professor , Faculty of Engineering, Information
and Systems

University of Tsukuba, Japan.



Jinsong Wu, Vice-Chair (Latin America)

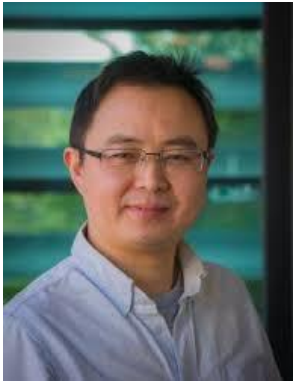
Professor, University of Chile

Chile

Officers (2)



Periklis Chatzimisios, Vice-Chair
(Europe), Professor, Alexander TEI of
Thessaloniki, Greece



Shui Yu, Vice-Chair (Oceania), Professor,
Deakin University, Victoria, Australia

Officers (3)

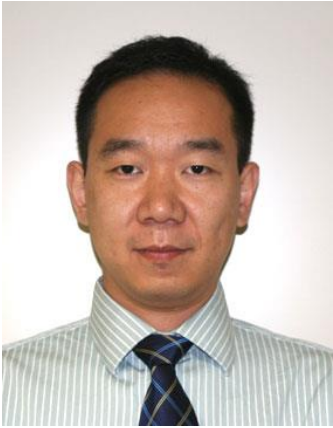


Kwang-Cheng Chen, Vice-Chair (Asia)
Distinguished Professor and Associate Dean
for academic affairs, College of Electrical
Engineering and Computer Science
National Taiwan University



Mahmoud Daneshmand, Vice-Chair (North
America)
Industry Professor, Business Intelligence &
Analytics
Stevens Institute of Technology, USA

Officers (4)



Song Guo, Secretary
Professor
The Hong Kong Polytechnic University
Hong Kong



Nelson Fonseca, Advisor
Professor
The State University of Campinas,
Campinas - Brazil

Officers (6)



Chi-Ming Chen
Industrial Liaison
AT&T Labs, USA



Kathy Grise
IEEE Big Data Initiative Liaison
Future Directions
IEEE Technical Activities, USA

Officers (7)



Wo Chang,

Standard Liaisons

NIST (National Institute of
Standards and Technology), USA

Activities in ComSoc Sponsored Major Conferences - Big Data Track Organization

- IEEE GlobeCom 2018 Big Data Track in SAC Symposium
- IEEE ICC 2018 Big Data Track in SAC Symposium
- IEEE GlobeCom 2017 Big Data Track in SAC Symposium
- IEEE ICC 2017 Big Data Track in SAC Symposium
- IEEE GlobeCom 2016 Big Data Track in SAC Symposium

Major Conferences -

Workshop Organization (1)

- The IEEE International on Knowledge Centric Networking, 2018, in conjunction with IEEE INFOCOM 2018.
- The IEEE Fourth International Workshop on Security and Privacy in Big Data (BigSecurity) 2016, 2017, in conjunction with IEEE INFOCOM 2016, 2017.
- IEEE Big Data Sciences, Technologies, and Applications (BDSTA), co-located with IEEE INFOCOM 201610-15 APRIL 2016, SAN FRANCISCO, CA, USA, <http://www.ieee-bdsta.org/infocom2016/>
- The first IEEE International Workshop on Green Standardizations for ICT and Relevant Technologies (GSICT) in conjunction with IEEE GLOBECOM 2015

Activities in ComSoc Sponsored Major Conferences - Workshop Organization (2)

- The first IEEE International Workshop on Green Standardizations for ICT and Relevant Technologies (GSICT) in conjunction with IEEE GLOBECOM 2015
- The fourth IEEE International Workshop on Cloud Computing Systems, Networks, and Applications (CCSNA) in conjunction with IEEE GLOBECOM 2015

Activities in ComSoc Sponsored Major Conferences - Industry Panel Organization

- IEEE ICC 2017 Industry Panel P04. Big Data Analytics for Smart and Connected Health
- IEEE GlobeCom 2015 Industry Panel IF17: Big Data for Information and Communications Technologies

Activities in ComSoc Sponsored Major Conferences

- TSC Big Data (TSCBD) Meetings

- IEEE Globecom 2016 TSCBD meeting, December 6, 2016, Washington DC. USA.
- IEEE ICC 2016 TSCBD meeting, May 26, 2016, Kuala Lumpur, Malaysia.
- IEEE GlobeCom 2015 TSCBD meeting, December 8, 2015, San Diego, CA, USA.
- IEEE ICC 2015 TSCBD meeting, June 9, 2015, London, UK.

Activities in Technically Co-Sponsored Symposia/Workshops Organization (1)

- International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC-2017), Najing, China , Oct. 2017.
- International Symposium on Big Data and Networking , Aizu-Wakamatsu, Japan, Feb 16-18, 2016.
- EAI International Conference on Big Data and Cyber-Physical-Social Computing, October 15-17, 2016, Nagasaki, Japan.
- 2016 IEEE International Conference on Smart Data, Dec. 2016.
- 2016 International Workshop on Data Science and Engineering (DSE) in conjunction with the International Conference on Parallel Processing (ICPP 2016).

Activities in Technically Co-Sponsored Symposia/Workshops Organization (2)

- IEEE International Conference on Big Data Intelligence and Computing (IEEE DataCom 2018), Athena, Greece, August 6-10, 2018.
- IEEE International Conference on Big Data Intelligence and Computing (IEEE DataCom 2017), Florida USA, November 6-10, 2017.
- IEEE International Conference on Big Data Intelligence and Computing (IEEE DataCom 2016), Auckland, New Zealand, August 8-12, 2016. <http://grid.chu.edu.tw/datacom2016>
- Social Networks and Big Data Symposium, IEEE/CIC International Conference on Communications, 27-29 July 2016, Chengdu, China <http://iccc2016.ieee-iccc.org//>

Activities in Technically Co-Sponsored Symposia/Workshops (1)

- Invited Keynote Speaker, "Global Green Challenges Meet Information and Communication Technologies as well as Big Data", International Conference on Advancement of Computer Communication & Electrical Technology (ACCET), October 2016
- - Invited Keynote Speaker, "Global Green Challenges Meet Big Data Era", International Conference on Advances in Computing, Communications and Informatics (ICACCI), September 2016
- - Invited Keynote Speaker, "The Relevance of Green Revolution to Information and Communication Technologies as well as Big Data", IEEE Latin-American Conference on Communications, Arequipa, Peru, Nov. 2015

Activities in Technically Co-Sponsored Symposia/Workshops (2)

- Panelist, IEEE International Conference on Big Data Intelligence and Computing (IEEE DataCom), August 2016
- Keynote, IEEE DataCom, August 2016
- Keynote, IEEE International Conference on Sustainable Computing and Communications (IEEE SustainCom), December 2015

Publication Activities

- Supported Journal

- International Journal of Big Data Intelligence (IJBDI)
- IEEE Transactions on Big Data

Publication Activities

- Special Issues Organization

- IEEE Trans. on Network Science and Engineering Special Issue - Big Data and Artificial Intelligence for Network Technologies, 2018
- IEEE Trans. on Big Data Special Issue - Wireless Big Data, 2017
- Journal of Digital Communications and Networks (Elsevier), Special Issue on Big Data Security and Privacy, 2017

Publication Activities

- Special Issues Organization

- Journal of Future Generation Computer Systems, Special Issue on Social Networking Big Data Opportunities, Solutions, and Challenges, 2016.
- IEEE Assess Special Section on Theoretical Foundations for Big Data Applications: Challenges and Opportunities, 2016
- IEEE Access Special Section on Big Data for Green Communications and Computing, 2016
- IEEE JSAC ETC Special Issue - Big Data Area, 2016
- IEEE Network Magazine Special Issue on Big Data for Networking, 2015

Activities with IEEE-related chapters/societies

- Collaboration with **IEEE Big Data Initiative (BDI)** in Big Data Standardization and other related activities. 2014-2017
- Collaboration with **IEEE Big Data Community (BDC)**. 2018--

SIGs (Special Interest Groups)

- Wireless Big Data proposed by Prof. Yang Yang, Shanghai Institute of Microsystem and Information Technology, China
- Big Data for Cyber Security and Privacy proposed by Prof. Longzhi Yang, Northumbria University, UK
- Big Data with Computational Intelligence proposed by Prof. Celimuge Wu, The University of Electro-Communications, Japan
- IEEE SIG on Big Data for Healthcare, Medicine and Biology
- **Others**

Other Issues

- **Best reading in Big Data**
- **News letter**

Web site and Membership

- Office web site
 - <http://www.comsoc.org/committees/technical-committee/big-data>
 - **Membership**
 - TCBD memberships give their members the opportunities:
 - To network with technical experts in related fields
 - To contribute to the activities in TCBD
 - To post messages to the TCBD mailing list

Email List

- You must be an official member of TCBD (instead of just a subscriber of TCBD mailing list) in order to be able to send or post messages to the official TCBD mailing list: tcbd@comsoc.org.
- To add yourself to or remove yourself from the TCBD mailing list, please go to <http://www.comsoc.org/committees/technical-committee/big-data>

Introductions

- Research work on Big Data

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Research work on Big Data



Next meeting

- IEEE GC 2018, Abu Dhabi, UAE, 9-13 December, 2018

Comments?
Suggestion?

Thank you for
your participation