



**Big Data
(TSCBD) Meeting**
December 6, GC 2016
Washington D.C. USA

Jie Li, University of Tsukuba, Japan

Agenda

- 1. Welcome / Introduction**
- 2. Approval of the Agenda**
- 3. Approval of the ICC 2016 (May 2016) TSCBD meeting minutes**
- 4. Conference issues**
- 5. Journal publication issues**
- 6. About the Special Interest Groups (SIGs)**
- 7. Standardization issues**
- 8. Any other Business**
- 9. Next TSCBD meeting**
- 10. Adjourn**

- Our TSC-Big Data has been recommended to TC in ETC meeting yesterday.

Officers (1)



Jie Li, Chair (Global and Asia Pacific)
Professor , Faculty of Engineering, Information
and Systems
University of Tsukuba, Japan.

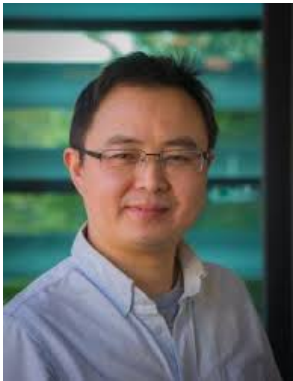


Jinsong Wu, Vice-Chair (Latin America)
Professor, University of Chile
Chile

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)

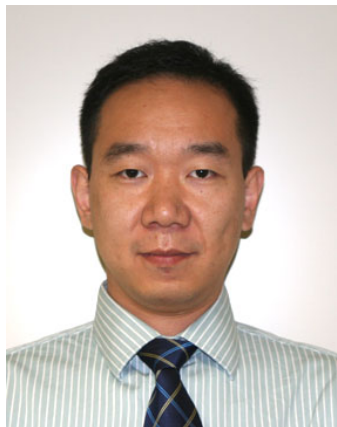


Kwang-Cheng Chen, Vice-Chair (Asia)
Distinguished Professor and Associate Dean
for academic affairs, College of Electrical
Engineering and Computer Science
National Taiwan University



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



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

Officers (5)



Wo Chang,
Standard Liaisons
NIST (National Institute of
Standards and Technology), USA



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

Activities in ComSoc Sponsored Major Conferences - Big Data Track Organization

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

Major Conferences - Workshop Organization (1)

- The IEEE Fourth International Workshop on Security and Privacy in Big Data (BigSecurity 2016) co-located with IEEE INFOCOM 2016, 10-15 APRIL 2016, SAN FRANCISCO, CA, USA <http://www.nsp.org.au/confs/bigsecurity2016/>
- IEEE Big Data Sciences, Technologies, and Applications (BDSTA), co-located with IEEE INFOCOM 2016 10-15 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 GlobeCom 2015 Industry Panel IF17: Big Data for Information and Communications Technologies

Activities in ComSoc Sponsored Major Conferences

- TSC Big Data (TSCBD) Meetings

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

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

- 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 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)

Publication Activities

- Special Issues Organization

- 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 ComSoc-related chapters/societies

- Collaboration with **IEEE Big Data Initiative (BDI)** in Big Data Standardization and other related activities.

The Updated IEEE Big Data Initiative (BDI) Activities

- Presented by Kathy L. Grise, Senior Program Director, Future Directions, IEEE Technical Activities, 445 Hoes Lane, Piscataway, NJ 08854 USA

Standardization

- Standard development status of NIST Big Data PWG and ISO/IEC JTC 1/WG 9 Working Group on Big Data
 - Presented by Dr. Wo Chang, Digital Data Advisor, ISO/IEC JTC 1 Working Group on Big Data, Convenor, Information Technology Laboratory, National Institute of Standards and Technology (NIST), USA

Addresses



SIGs (Special Interest Groups)

- Big Data Security led by Prof. Shui Yu
- Wireless Big Data led by Prof. Yang Yang
- **Call for SIGs in BD**

Web site and Membership

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

Email List

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

Research Introductions

- **Prof. Yang Yang**
- **Prof. Shui Yu**
- **Prof. Pingyi Fan,**

Next meeting

- IEEE ICC 2017, Paris, France, 21-25 May, 2017

Comments?
Suggestion?



Thank you for
your participation