



# **TCBD Meeting TC on Big Data**

**ICC 2017, Paris, France  
May 23, 2017**

Jie Li, University of Tsukuba, Japan

# Agenda

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

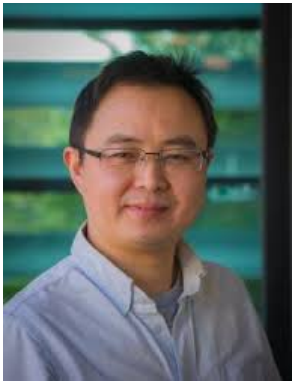
Professor, University of Chile

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)

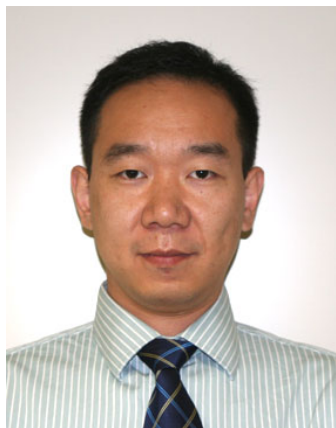


Kwang-Cheng Chen, Vice-Chair (Asia)  
Distinguished Professor and Associate Dean  
for academic affairs, College of Electrical  
Engineering and Computer Science  
National Taiwan University



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

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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 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



# Activities in ComSoc Sponsored

## 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 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 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 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
- 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 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

# 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
- Jinsong Wu had introduced the other proposals of SIGs.

# Other Issues

- **Best reading in Big Data**
- **News letter**
- **TC awards for best papers and services**



# 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](mailto: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

- **Prof. Yang Yang, Shanghai Institute of Microsystem and Information Technology**
- **Prof. Pingyi Fan, Tsinghua University**
- **Dapeng Wu, University of Florida**

# Addresses



# Next meeting

- IEEE GC 2017, Singapore, 4-8 December, 2017

Comments?  
Suggestion?

Thank you for  
your participation