Title: **Minutes of CISTC Meeting Held at ICC 2019**
Date/Time: **12:30 – 14:00, Wednesday, May 22nd, 2019**
Place: **Shanghai, Level 2, Pudong Shangri-La Hotel, Shanghai, China**
Contact: **Bin Xiao (csbxiao@comp.polyu.edu.hk)**

1   Welcome / Introduction

The TC Chair, Prof. Abderrahim Benslimane, the Vice Chair for Publications, Dr. Rongxing Lu, and the Secretary, Dr. Bin Xiao, attended the meeting.

The meeting started at 12:30 pm in Shanghai, Level 2, Pudong Shangri-La Hotel, Shanghai, China.

Then, Prof. Abderrahim Benslimane firstly showed the meeting agenda and asked every attendee to sign the attendance form. He then briefly introduced the current TC officers listed below

- Chair: Abderrahim Benslimane
- Vice Chair on Conferences: Francesco Chiti
- Vice Chair on Publications: Rongxing Lu
- Secretary: Bin Xiao
- CISTC representative for IEEE ComSoc Student Competition Committee: Dongming Peng
- CISTC representative for IEEE ComSoc Standards Board: Neeli R. Prasad
- Award Chair: Xiaodong Lin

The TC Chair, Prof. Abderrahim Benslimane, suggested that the current interest groups in the CISTC website was outdated and we should have some new nominations. This issue will be discussed in the item CISTC SIGs. He also reminded the TC board policy:

TC board information

- Only ComSoc members should be elector and be candidate

- Recertification every three years

– CISTC will present his recertification this year 2019

Then, the TC Chair, Prof. Abderrahim Benslimane, reminded all attendees of the updated TC website (http://cis.committees.comsoc.org/), and introduced the two mail distribution lists, which are:

- cistc@comsoc.org
  TC internal announcements
  ICC, Globecom
  Annual meetings (2 per year)
  Awards
- cistc-distribution@comsoc.org
  CFP distribution
  Open to all signed-up members to distribute CIS-TC related CFPs

The only difference between two mail distribution lists in CISTC is that cistc-distribution@comsoc.org is an open list, while cistc@comsoc.org is reserved for CIS-TC internal announcements. Prof. Abderrahim Benslimane encouraged all signed-up members to use cistc-distribution@comsoc.org to distribute CIS-TC related journal special issues and conferences' CFPs.

2. Approval of the Agenda

The agenda of the CISTC meeting was approved unanimously by the attendees.

3. Approval of Meeting Minutes of IEEE GLOBECOM 2018, Abu Dhabi, UAE

The minutes of the meeting can be found in the TC website:

http://cis.committees.comsoc.org/files/2019/05/CISTC_Meeting_GC_2018_Minutes.pdf

Alternatively, one can visit the TC website and then click on the link of "Meetings" to the left of the page:

http://cis.committees.comsoc.org/meetings/

All the attendees approved the minutes of the CISTC meeting at GLOBECOM 2018.

4. CISTC 2019 Technical Recognition Award

The Award Chair, Dr. Xiaodong Li can't come to attend the conference. The TC Chair, Prof. Abderrahim Benslimane, gave an update on CISTC Technical Recognition Award.

He explained that the selection of the technical recognition award was still in the process, and the result will be announced in GC 2019.

5.   Reports on Conferences

The TC Vice-Chair for Conference, Dr. Francesco Chiti can't come to attend the conference. He gave an overview on conference activities in CISTC online, via the WebEx online meeting system. Dr. Chiti introduced the CISTC organized Symposia in ICC'19 and Globecom'19, and presented CISTC affiliate conferences. The detailed information about the conferences that have been organized during the foregoing year can be found in **Appendix I**. Detailed information about CIS-TC affiliate conferences can also be found in **Appendix I**.

6.   Reports on Publications

The TC Vice-Chair for Publications, Dr. Rongxing Lu, presented a report on the publication activities supported by the committee. He started by introducing the related special issues, upcoming special issues, and published books.

In particular, he mentioned CISTC members have contributed a lot and participated in many books (11 in total) and special issues (21 in total) in the past year. He also mentioned some upcoming special issues (12 in total). Please refer to **Appendix II** for the complete list of books and special issues.

7.   Standards liaison

Dr. De-Nian Yang (Institute of Information Science, Academia Sinica, Taiwan), Secretary of Social Networks TC, attended Standard Board meeting on behalf of CISTC and presented during our meeting the news on Standard activities. He presented information related to the standards development board:
- Introduction
    - 35 public standards, 76 standardization projects, hundreds of entities involved
- Other related committees
    - Industry and Standard Activity Council
    - IEEE Tactile Internet Standards Working Group
    - IEEE Mobile Communication Networks Standards Committee
- Increase diversity of this standard committee
- Encourage more TC to come
- Encourage more people to this board (not just go to 3GPP)

He also mentioned how to participate the standards development board:
- How to participate?
  - Leader of standard projects -> working group chair -> standard committee member -> members at large -> chief standard officer, VP
- Need P&P to elect members a large, board members, officers, etc. and their eligibility and term limit
  - SA P&P, not COMSOC P&P
- VP finds budget and funding source (and revenue) to support standardization
- Two future important opportunities
  - Comms vehicles and smart manufacturing
  - Collaboration with IEEE VTS and industry electronics standard organization

8.   CISTC SIGs

The TC Chair, Prof. Abderrahim Benslimane, mentioned that the current interest group in our CISTC website is not active anymore. We should initiate some new and up-to-date special interest groups. He proposed to start three SIGs: IoT cyber security, security in 5G, and security in blockchains. The following people volunteered to be the contact person for each group:
- IoT cyber security:
  - Dr. Neeli Prasad, International Technological University, USA
  - Dr. Chunxiao Jiang, Tsinghua University, Beijing, China
- Security in 5G:
  - Dr. Hui-Ming Wang, Xi'an Jiaotong University, China
- Security in blockchains:
  - Dr. Bin Xiao, The Hong Kong Polytechnic Univ., China
  - Dr. Aziz Mohaisen, University of Central Florida, USA

9.   Next CISTC Meeting

The next IEEE ComSoc's Communication & Information Security TC (CISTC) meeting will be held at IEEE GLOBECOM 2019, December 9-13, 2019, Waikoloa, HI, USA.

10.   Adjourn

The TC Chair, Prof. Abderrahim Benslimane thanked all the people who attended this TC meeting, and thanked all the CISTC members who contributed to the success of CISTC. The meeting ended around 14:00 pm.

(May, 2019)

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Appendix I

CISTC Organized Conferences					
Conference	**Submitted**	**Accepted**	**Reviews**	**TPC**	**Representatives**
ICC19 – Communication and Information System Security Symposium (CISS) 20-24 May 2019 Shanghai, China, https://icc2019.ieee-icc.org	231	90	3.639	141	Liang Xiao, Aziz Mohaisen, Jian Weng
GC19 – Communication and Information System Security Symposium (CISS) 9-13 December 2019, Hawaii, https://globecom2019.ieee-globecom.org					Qian Wang, Abderrezak Rachedi, Hong Li
CISTC Affiliate Conferences					
Conference	**Submitted**	**Accepted**	**Reviews**	**TPC**	**Representatives**
WiMob 2019 - 15th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications, 21-23 October, 2019, Barcelona, Spain, http://www.wimob.org/wimob2019					Shiao-Hwa Chen, Rongxing Lu, Shui Yu
WTS 2019 - 18th	99	25	3.21	81	Thomas

Annual Wireless Telecommunications Symposium, 9-12 April, 2019, New York City, USA, https://www.cpp.edu/~wtsi/					Ketseoglou, Steven Powell, Qing-An Zeng, Ehsan Sheybani, Peter Mueller, Neeli Prasad
ICACT 2019 - 21st International Conference of Advanced Communications Technology, 17-20 February, 2019, Phoenix Park, PyeongChang, Korea, http://www.icact.org/	499	140	>=3	433	Yi Qian, Peter Mueller and Hsiao-Hwa Chen
BRAINS 2019 - 1st Blockchain, Robotics and AI for Networking Security Conference, 27-29 March, 2019, Rio de Janeiro, Brasil, https://brains.dnac.org	20	8	>=3	24	Abderrahim Benslimane, Francesco Chiti, Xiaodong Lin
ISNCC 2019 - International Symposium on Networks, Computers and Communications, 18-20 June, 2019, Istanbul, Turkey, http://www.isncc-conf.org	223	108	>=3	277	Abderrahim Benslimane, Peter Mueller, Pascal Lorenz, Francesco Chiti
NTMS 2019 - 10th IFIP International Conference on New Technologies,					Francesco Chiti, Abderrahim Benslimane, Rongxing Lu, Bin

Mobility and Security, 24-26 June, 2019, Canary Islands, Spain, http://www.ntms-conf.org/ntms2019/					Xiao

Appendix II

Books		
Book title	**Publisher**	**Authors/ Editors**
Security and Data Storage Aspect in Cloud Computing	Publisher: Springer Publication year: 2019 ISBN: 978-981-13-6089-3	Prachi Deshpande, Subhash Sharma and Sateesh K. Peddoju
Fully Homomorphic Encryption in Real World Applications	Publisher: Springer Publication year: 2019 ISBN: 978-981-13-6393-1	Ayantika Chatterjee and Khin Mi Mi Aung
Blockchain and Clinical Trial	Publisher: Springer Publication year: 2019 ISBN: 978-3-030-11289-9	Hamid Jahankhani, Stefan Kendzierskyj, Arshad Jamal, Gregory Epiphaniou and Haider Al-Khateeb
5G Enabled Secure Wireless Networks	Publisher: Springer Publication year: 2019 ISBN: 978-3-030-03508-2	Dushantha Nalin K. Jayakody, Kathiravan Srinivasan and Vishal Sharma
Internet of Things Security and Data Protection	Publisher: Springer Publication year: 2019 ISBN: 978-3-030-04984-3	Sébastien Ziegler
Blockchain for Distributed Systems Security	Publisher: Wiley Publication year: 2019 ISBN: 978-1-119-51958-4	Sachin S. Shetty, Charles A. Kamhoua and Laurent L. Njilla
Security, Privacy, and Digital Forensics in the Cloud	Publisher: Wiley Publication year: 2019 ISBN: 978-1-119-05340-8	Lei Chen, Hassan Takabi and Nhien-An Le-Khac
Rewired: Cybersecurity Governance	Publisher: Wiley Publication year: 2019 ISBN: 978-1-119-08517-1	Ryan Ellis and Vivek Mohan
Big Data Privacy Preservation for Cyber-Physical Systems	Publisher: Springer Publication year: 2019 ISBN: 978-3-030-13370-2	Miao Pan, Jinyi Wang, Sai Mounika Errapotu Errapotu, Xinyue Zhang, Jiajao Ding and Zhu Han
From Security to Community Detection in Social Networking Platforms	Publisher: Springer Publication year: 2019 ISBN: 978-3-030-11286-8	Panagiotis Karampelas, Jalal Kawash and Tansel Ozyer
On the Physical Security of Physically Unclonable Functions	Publisher: Springer Publication year: 2019 ISBN: 978-3-319-75820-6	Shahin Tajik
Journal special issues		
Special issue Topic	**Publisher/Journal**	**Editors**
Safeguarding 5G-and-Beyond Networks with Physical Layer	IEEE Wireless Communications	Nan Yang, Australian National University, Australia

		Yongpeng Wu, Shanghai Jiao Tong University, China
Security (Deadline: 31 Jan. 2019)		Yongpeng Wu, Shanghai Jiao Tong University, China Trung Q. Duong, Queen's University Belfast, UK Robert Schober, Friedrich-Alexander University Erlangen-Nrnberg, Germany A. Lee Swindlehurst, University of California, USA
FinTech Security and Privacy (Deadline: 1 Feb. 2019)	Future Generation Computer Systems	Robert H. Deng, Singapore Management University, Singapore Hiroaki Kikuchi, Meiji University, Japan Kuo-Hui Yeh, National Dong Hwa University, Taiwan.
Blockchains for Scalable IoT Management, Access and Accountability (Deadline: 15 Feb. 2019)	IEEE Network	Bechir Hamdaoui, Oregon State University, USA Ammar Rayes, Cisco Systems, USA Nizar Zorba, Qatar University, Qatar Lingyang Song, Peking University, China Christos Verikoukis, Castelldefels, Spain
Blockchain and AI enabled 5G Mobile Edge Computing (Deadline: 28 Feb. 2019)	IEEE Transactions on Industrial Informatics	Elizabeth Chang, The University of News Souths Wales, Australia Kit Yan Chan, Curtin University, Australia Ponnie Clark, Curtin University, Australia Vidyasagar Potdar, Curtin University, Australia
Secure Wireless Communications for Vehicle-to-Everything (Deadline: 15 Mar. 2019)	IEEE Communications Magazine	Vuk Marojevic, Mississippi State University, USA Charles Kamhoua, Army Research Laboratory, USA Friedrich Jondral, Karlsruhe Institute of Technology, Germany Jeffrey H. Reed, Virginia Tech, USA
Game Theory for Cyber	Computers & Security	Stefan Rass, Universitaet

Security (Deadline: 15 Mar. 2019)		Klagenfurt, Quanyan Zhu, New York University
Recent Advances in Security and Privacy for Future Intelligent Networks (Deadline: 20 Mar. 2019)	IEEE Network	Xiaojiang (James) Du, Temple University, USA Meng Shen, Beijing Institute of Technology, China Zheng Chang, University of Jyvaskyla, Finland Zhao Cao, Huawei Company, China
Communication and Security in Communicating Things Networks (Deadline: 30 Mar. 2019)	Ad Hoc Networks	Hicham Lakhlef, Univ. Technology of Compiegne Julien Bourgeois, Univ. Bourgogne Franche-Comté Saad Harous, United Arab Emirates University Tarek El-Ghazawi, George Washington University
Energy Management, Protocols and Security for the Next Generation Networks and Internet of Things (Deadline: 31 Mar. 2019)	IEEE Transactions on Industrial Informatics	Surjit Singh, National Institute of Technology, India Michael Sheng, Macquarie University, Australia Elhadj Benkhelifa, Staffordshire University, UK Jaime Lloret, Polytechnic University of Valencia, Spain
Blockchain-Based Services Computing (Deadline: 31 Mar. 2019)	IEEE Transactions on Services Computing	Zibin Zheng, Sun Yat-Sen University, China Andreas Kind, IBM Research – Zurich Peter Chen, Carnegie Mellon University, USA
Social Security and Privacy for Social IoT (Deadline: 31 Mar. 2019)	Security and Communication Networks	Houbing Song, Embry-Riddle Aeronautical University, USA Hua Wang, Victoria University (VU), Australia
Analytical Models and Decision Making in Adaptive Security (Deadline: 5 Apr. 2019)	Security and Communication Networks	Akbar S. Namin, Texas Tech University, USA Rakesh M. Verma, University of Houston, USA Rattikorn Hewett, Texas Tech University, USA
Automated Management of Security in Software Networks	Security and Communication Networks	Diego López, Telefonica I+D, Spain

(Deadline: 19 Apr. 2019)		John C. Strassner, Huawei Technologies, USA
Security and Privacy in Edge Computing Systems (Deadline: 30 Apr. 2019)	Security and Privacy	Honghao Gao, Shanghai University, China Xinheng Wang, University of West London, UK Gongzhu Hu, Central Michigan University, USA Yuyu Yin, Hangzhou Dianzi University, China
UAVs and Remote Sensing for Infrastructure, Environment, Defense, and Security Applications (Deadline: 30 Apr. 2019)	Sensors	Paul-François Paradis, National Optics Institute, Remote Sensing Group, Canada
Cyber-Physical Security in Industrial Environments (Deadline: 1 May 2019)	IEEE Transactions on Industrial Informatics	Zhihan Lv, University of Barcelona, Spain Wojciech Mazurczyk, Warsaw University of Technology, Poland Steffen Wendzel, Worms University of Applied Sciences, Germany Houbing Song, Embry-Riddle Aeronautical University, USA
Cyber Security based on Artificial Intelligence for Cyber-Physical Systems (Deadline: 1 May 2019)	IEEE Network	Hichem Sedjelmaci, Orange Lab, France Fateh Guenab Alstom Group, France Sidi Mohammed Senouci, University of Burgundy, France Hassnaa Moustafa, Intel Corporation, USA Jiajia Liu, Xidian University, China Shuai Han, Harbin Institute of Technology, China
Secure Data Science and Big Knowledge (Deadline: 1 May 2019)	Information Sciences	Meikang Qiu, Columbia University, USA Sun-Yuan Kung, Princeton University, USA Bhavani Thuraisingham, University of Texas at Dallas, USA
Resilience and Reliability in	Security and Communication	Christian Callegari, Consorzio

	Networks	Nazionale Interuniversitario per le Telecomunicazioni, Italy David Tipper, University of Pittsburgh, USA Bernardo Alarcos Alcazar, University of Alcala, Spain
Communication Networks under Security Incidents (Deadline: 10 May 2019)		
Security and Privacy in Internet of Medical Things (IoMT) (Deadline: 24 May 2019)	Security and Communication Networks	Kewei Sha, University of Houston-Clear Lake, USA Kuan Zhang, University of Nebraska-Lincoln, USA Wenjia Li, New York Institute of Technology, USA
Cryptography and Security Tools and Techniques for Networked Embedded Systems (Deadline: 24 May 2019)	Security and Communication Networks	Karine Heydemann, Sorbonne Université, France Nicolas Sklavos, University of Patras, Greece Leonel Sousa, Universidade de Lisboa, Portugal

Upcoming Journal special issues		
Special issue Topic	**Publisher/Journal**	**Editors**
Practical Aspects of Cybersecurity in Cyberphysical Systems (Deadline: 31 May 2019)	Security and Communication Networks	Sherif Abdelwahed, Virginia Commonwealth University (VCU), USA Abdelkarim Erradi, Qatar University, Qatar
Blockchain-as-a-Service for Industrial Internet of Things and Big Data Applications (Baas-iot-big-data) (Deadline: 15 Jun. 2019)	Future Generation Computer Systems	Sahil Garg, École de technologie supérieure, Canada Syed Hassan Ahmed, Georgia Southern University, USA Mohammed Atiquzzaman, University of Oklahoma, USA Biplab Sikdar, National University of Singapore, Singapore Balasubramanian Raman, Indian Institute of Technology, India Wael Guibene, Amazon Lab126, Sunnyvale, CA, USA
JointCloud and Blockchain for Internet of Things (Deadline: 15 Jun. 2019)	IEEE Internet of Things Journal	Hao Yin, Tsinghua University, China Huaimin Wang, National

		University of Defense Technology, China Xu Zhang, Nanjing University, China Yan Luo, University of Massachusetts Lowell, USA Gabriel Ghinita, University of Massachusetts Boston, USA
Recent Advances in Crowdsensing and Its Security, Privacy and Trust Challenges (Deadline: 30 Jun. 2019)	Sensors	Rongxing Lu, University of New Brunswick, Canada Zhiguo Shi, Zhejiang University, China
Privacy and Security in Distributed Edge Computing and Evolving IoT (Deadline: 1 Jul. 2019)	IEEE Internet of Things Journal	Alireza Jolfaei, Federation University, Australia Pouya Ostovari, San Jose State University, USA Mamoun Alazab, Charles Darwin University, Australia Iqbal Gondal, Federation University, Australia Krishna Kant, Temple University, USA
Machine Learning and Big Data Analytics for IoT Security (Deadline: 15 Jul. 2019)	Future Generation Computer Systems	Muhammad Alam (Lead), Instituto de Telecomunicações, Portugal Deepak Puthal, University of Technology Sydney, Australia Mian Ahmad Jan, Abdul Wali Khan University Mardan, Pakistan Kim Fung Tsang, City University of Hong Kong, HK Xiaohua Xu, Kennesaw State University, USA
Computing Infrastructure and Complex Algorithms for Information Security in Communication Networks (Deadline: 2 Aug. 2019)	Security and Communication Networks	Hideki Imai, The University of Tokyo, Japan Miodrag Mihaljevic, Serbian Academy of Sciences and Arts, Serbia Borko Furht, Florida Atlantic University, USA
Security, Privacy, and Trustworthiness of Sensor Networks and Internet of Things (Deadline: 15 Aug.	Sensors	Sokratis Katsikas, Norwegian University of Science Technology, Norway Vasileios Gkioulos, Norwegian

2019)		University of Science Technology, Norway
Security and Privacy in Internet of Things (Deadline: 15 Aug. 2019)	Sensors	Alexandros Fragkiadakis, FORTH, Greece Elias Z. Tragos, University College Dublin, Ireland
Security and Forensics of Internet-of-Things: Problems and Solutions (Deadline: 15 Aug. 2019)	IEEE Internet of Things Journal	Virginia N. L. Franqueira, University of Derby, UK Pedro Inácio, Universidade da Beira Interior, PT Aleksandra Mileva, University of Goce Delcev, MK Mauro Conti, University of Padua, IT Ville Leppänen, University of Turku, FI Raul H. C. Lopes, Brunel University, JISC & CMS/CERN, UK
Secure Data Aggregation Techniques in Internet of Things (Deadline: 31 Aug. 2019)	Security and Privacy	Rongxing Lu, University of New Brunswick, Canada Hui Zhu, Xidian University, China Chi Cheng, China University of Geosciences, China Abderrahim Benslimane, University of Avignon, France
Advanced Data Security and Its Applications in Multimedia for Secure Communication (Deadline: 6 Sep. 2019)	Security and Communication Networks	Mehdi Hussain, National University of Science and Technology, Pakistan Rajkumar Soundrapandiyan, Vellore Institute of Technology, India Thai-Son Nguyen, Tra Vinh University, Vietnam
Security and Privacy in Smart Communities (Deadline: 30 Sep. 2019)	Security and Privacy	Gagangeet Singh Aujla, Chandigarh University, India Neeraj Kumar, Thapar Institute of Engineering & Technology, India Ranbir Singh Bath, Lovely Professional University, India Radu Prodan, University of Klagenfurt, Austria Danda B. Rawat, Howard

		University, Washington DC, USA
Security and Privacy in Wireless Sensor Networks: Advances and Challenges (Deadline: 31 Oct. 2019)	Sensors	Cheng-Chi Lee, Fu Jen Catholic University, Taiwan
Security and Privacy Techniques in IoT Environment (Deadline: 31 Oct. 2019)	Sensors	Jerry Chun-Wei Lin, Western Norway University of Applied Sciences, Norway Kuo-Hui Yeh, National Dong Hwa University, Taiwan
Intelligent Computing, Networking, Security and Robustness in Internet of Things (Deadline: 31 Dec. 2019)	Sensors	Tie Qiu, Tianjin University, China Klaus Moessner, University of Surrey, UK Chen Chen, Xidian University, China
Monitoring of Security Properties in IoT and Emerging Technologies (Deadline: 31 Dec. 2019)	Sensors	Antonio Muñoz, Universidad de Málaga, Spain Eduardo B. Fernandez, Florida Atlantic University, USA Haris Mouratidis, University of Brighton, UK

Appendix III

Some Photos at CISTC Meeting at ICC'19