
Title: Minutes of CISTC Meeting Held at GC 2013
Date/Time: 13:00 – 15:00, Wednesday, December 11th, 2013
Place: Room 212/2nd Floor, Atlanta Hilton and Towers Hotel, Atlanta, GA
Contact: Xiaodong Lin (Xiaodong.lin@uoit.ca)

1 Welcome / Introduction

The TC Chair, Dr. Peter Mueller, Award Chair and the former CISTC Chair, Dr. Hsiao-Hwa Chen, Vice Chair for Conference, Dr. Yi Qian, Vice Chair for Publications, Dr. Kejie Lu, and Secretary, Dr. Xiaodong Lin attended the meeting.

The meeting started at 13:00pm in Room 212/2nd Floor, Atlanta Hilton and Towers Hotel, located at 255 Courtland Street, NW, Atlanta, GA 30303. The total number of attendees was **85** (the complete list is given in **Appendix I**).

The Chair of CIS-TC Election Committee 2013, Dr. Hamid Sharif, started the meeting by introducing the list of final candidates for CIS-TC officers, including

Position	Candidates
Chair	Yi Qian
Vice Chair on Publications	Xiaodong Lin
Vice Chair on Conferences	Abderrahim Benslimane
	Kejie Lu
Secretary	Kai Zheng
	Honggang Wang
	Francesco Chiti

Short bios of the candidates for each office were circulated. All present candidates, including Yi Qian, Xiaodong Lin, Kejie Lu, Honggang Wang, and Francesco Chiti, introduced themselves. Dr. Hamid Sharif announced that Dr. Abderrahim Benslimane withdrew from the election, and Dr. Honggang Wang introduced himself and expressed his desire to withdraw from the election due to some personal issues.

The TC Chair, Dr. Peter Mueller, addressed the meeting by welcoming all the audience. He then briefly took all attendees through the agenda by emphasizing the following things

- The list of final candidates for CIS-TC officers
- New “CIS-TC Technical Recognition Award”

Then, he introduced the current TC officers listed below

- Chair: Peter Mueller
- Vice Chair on Conferences: Yi Qian

- Vice Chair on Publications: Kejie Lu
- Secretary: Xiaodong Lin
- Award Chair: Dr. Hsiao-Hwa Chen (former CISTC Chair)
- CISTC representative for IEEE ComSoc Standards Board: Dr. Neeli R. Prasad

The TC officers also include

- CISTC representative for IEEE COMSOC Student Competition Committee: Dr. Kai Zheng

He then gave update about the TC

- We are re-certified for another three years.
- Currently has two mail distribution lists including
 - cistc@comsoc.org
TC internal announcements
ICC, GlobeCom
Annual meetings (2 per year)
Awards
 - cistc-distribution@comsoc.org
CFP ditribution
Open to all signed-up members to distribute CIS-TC related CFPs

The only difference between two mail distribution lists is that cistc-distribution@comsoc.org is an open list, while cistc@comsoc.org is reserved for CIS-TC internal announcements

- The TC website: <http://committees.comsoc.org/cistc/>

Also, he gave update on our Distinguished Lecturers

- 1 Distinguished Lecturer has been approved
 - Ying-Dar Lin, National Chiao Tung University, Hsinchu, Taiwan

Then, he re-addressed election nomination, and encouraged TC members to nominate more qualified persons for TC officers in the next round of the election.

2. Approval of the Agenda

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

3. Approval of Meeting Minutes ICC 2013 (Budapest)

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

http://cms.comsoc.org/SiteGen/Uploads/Public/Docs_TC_CIS/CISTC_Meeting_ICC_2013_Minutes.pdf

There is no objection, the minutes of the CISTC meeting at ICC 2013 was approved as posted by the attendees.

4. Approval of New “CIS-TC Technical Recognition Award”

The new “CIS-TC Technical Recognition Award” was approved by the attendees. Detailed information about the new “CIS-TC Technical Recognition Award” can be found in **Appendix II**.

5. Officer Elections

The TC Chair, Dr. Peter Mueller, started the election of officers by introducing the CIS-TC Election Committee 2013, which includes

Election Committee:

Hamid Sharif	hamidsharif@unl.edu	(chair)
Sushmita Ruj	sushmita.ruj@gmail.com	
Toma Yoon	tomayoon@hotmail.com	
Christian Callegari	c.callegari@gmail.com	
Mohamed Hamdi	hamdi.mm@gmail.com	
Carlos Becker Westphall	westphal@inf.ufsc.br	
Shui Yu	shui.yu@deakin.edu.au	

The Chair of CIS-TC Election Committee 2013, Dr. Hamid Sharif, chaired the election of officers. He announced the nominees, and emphasized that all the nominees are well qualified. The nominees left the meeting room for the election.

Dr. Hamid Sharif announced the elected candidates:

Chair, Yi Qian
Vice Chair on Publications: Xiaodong Lin
Vice Chair on Conferences: Kejie Lu
Secretary: Francesco Chiti

Yi Qian, Xiaodong Lin, and Kejie Lu have been elected by unanimity. Francesco Chiti has been elected by 43 votes (2 votes for Kai Zheng).

Dr. Hamid Sharif presented the new CIS-TC Officers, and thanked for support from all the TC members. Also, he encouraged TC members to nominate more qualified persons for TC officers in the next round of the election.

6. CIS-TC Service Award

Award Chair and the former CISTC Chair, Dr. Hsiao-Hwa Chen gave an update on CIS-TC Service Award. He explained the nomination policy and process, which can be found on CIS-TC website. The Committee has decided not to give this award this year since we don't have a suitable candidate.

CIS-TC Service Award Committee 2013 includes

Hsiao-Hwa Chen, Yi Qian, Peter Mueller, Kejie Lu, Nirwan Ansari, Xiaodong Lin

7. Reports on Conferences

Dr. Yi Qian, the TC Vice-Chair for Conference, gave an overview on conference activities in CIS-TC. CIS-TC endorsed the largest number of conferences among the other ComSoc TCs.

Specifically, Dr. Yi Qian further presented some information about the future Globecom and ICC conferences. He also emphasized that every active CIS-TC members can be nominated for Communications and Information Systems Security (CISS) Symposium chairs. An active CIS-TC member should be actively involved in TC activities, and at least attend twice CIS-TC meetings in the past two years.

The detailed information about the conferences that have been organized during the foregoing year can be found in **Appendix III**. Also, detailed information about CIS-TC endorsed conferences can also be found in **Appendix III**.

Furthermore, Dr. Yi Qian reiterated TC Endorsement procedure, which requires at least three TC members to endorse and support the conference requesting the endorsement.

In the end, Dr. Wenjin Lu gave an update on IEEE Conference on Communications and Network Security (CNS), the only security conference sponsored by ComSoc. As the only IEEE ComSoc Conference solely focusing on security, IEEE CNS is part of ComSoc Core Conference Portfolio. It is a spin-off of IEEE INFOCOM, positioned to be a top security conference. Peer targets include ACM CCS, IEEE S&P, USENIX Security, and NDSS.

Afterwards, Dr. Wenjin Lu presented reports about the first IEEE CNS, including acceptance rate, the number of submissions, the number of attendees, and geographic distribution of authors and papers. Most significantly, IEEE President Elect, Roberto De Marco, presented IEEE Internet Award to Prof. David Mills at IEEE CNS 2013. Also, she introduced IEEE CNS 2014, which will be held in San Francisco.

8. Reports on Publications

Dr. Kejie Lu, the TC Vice-Chair for Publications, presented a report on the publication activities supported by the committee. He started by introducing IEEE ComSoc Best Reading List. The list for communications and information systems security can be found on the following website

<http://www.comsoc.org/best-readings/communications-and-information-systems-security>

CIS-TC Best Reading Committee:

Erol Gelenbe, Guangjie Han, Neeli R. Prasad, Peng He, Peter Stavroulakis, Pierangela Samarati, Shui Yu, Stamatios Kartalopoulos, Zheng Yan, Amitav Mukherjee, Chau Yuen, Jun He, K.P. Subbalakshmi, Maode Ma, Narisa Chu, Niki Pissinou, Raulen Chai, Roberto Di Pietro, Sushmita Ruj, Peter Mueller, Kejie Lu, Xiaodong Lin, Yi Qian, Kai Zheng

In the past year, CISTC members have contributed a lot and participated in many books (7 in total) and special issues (9 in total). He also mentioned some books in preparation (3 in total) and upcoming special issues (7 in total). Please refer to **Appendix IV** for the complete list of books and special issues.

Additionally, he introduced an idea about feature topics focusing on novel lightweight security concepts for the internet of things, which has been proposed by CIS-TC member, Eduard Jorswieck. It would be interesting to organize a special issue on novel lightweight security concepts for the internet of things. Vendors in Germany show interest in alternative secrecy methods. A target could be for example the IEEE Communications Magazine.

9. Standards liaison

CIS-TC representative for IEEE ComSoc Standards Board, Dr. Neeli R. Prasad, provided a brief verbal summary of standard activities. She indicated this is the first meeting for her. She believes standards for security should be very interesting, for example, one attractive topic could be 3GPP.

10. ComSoc Students Competition Award

On behalf of Dr. Kai Zheng, CIS-TC representative for IEEE COMSOC Student Competition Committee, Dr. Peter Mueller introduced ComSoc Students Competition Award initiative. ComSoc Students Competition Award nomination can be done through ComSoc website.

11. Next CIS-TC Meeting

The next IEEE ComSoc's Communication & Information Security TC (CIS-TC) meeting will be held at IEEE ICC 2014, Sydney, Australia.

12. Adjourn

Dr. Peter Mueller 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 3:00 pm.

(December, 2013)

Appendix I

The total 85 committee members attended the meeting.

1	Jiazhen Zhou	UW-Wisconsin	zhouj@uww.edu
2	Zhihui Shu	University of Nebraska-Lincoln, USA	zshu@unomaha.edu
3	Zhifeng He	Auburn University	zzh0008@tigermail.auburn.edu
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14	Wenye Wang	North Carolina State University	wwang@ncsu.edu
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26	Joel Rodrigues	University of Beira Interior,	joeljr@ieee.org



		Institute for Telecommunications, Portugal	
27	Wen Chen	Shanghai Jiao Tong University	wenchen@sjtu.edu.cn
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51	Peter Mueller	IBM Zurich Research Laboratory, Switzerland	pmu@zurich.ibm.com
52	Xiaodong Lin	University of Ontario Institute of Technology, Canada	Xiaodong.lin@uoit.ca



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83	Shaowei Wang	Nanjing University	wangsw@nju.edu.cn
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Appendix II

CIS-TC Technical Recognition Award

CISTC Technical Recognition Award

GUIDELINES FOR CISTC TECHNICAL RECOGNITION AWARD

(Version 1, to be approved by the CISTC at GC'13, Atlanta, USA, Dec., 2013)

The Communications & Information Security (CISTC) Technical Recognition Award aims to promote research and development activities on topics of Communications and Information Systems Security in both the academic and industrial community. The award recognizes members of the IEEE Communications Society (ComSoc) who have made outstanding contributions to the technological advancement of security.

Award Frequency

The CISTC Technical Recognition Award will be given in each calendar year. If no suitable candidate is proposed in a given year, the award will not be presented for that year. The award will be announced and conferred during the IEEE International Conference on Communications (ICC).

Nomination Procedure

Nominations will be solicited from the CISTC members. All nominations must be sent to the CISTC Secretary in PDF or text file format by August 1 of the year in which the award is to be given. The nominations should include a concise description of the candidate's accomplishments as related to his/her technical contribution. Any person may nominate a candidate for the award, except the members of the CISTC Technical Recognition Award Selection Committee and ComSoc Board of Governors.

Eligibility Criteria

Any individual, except members of the CISTC Technical Recognition Award Selection Committee and ComSoc Board of Governors, may be nominated for the award, if the following criteria are met:

- the candidate must be an IEEE ComSoc Member at the time of nomination;
- the candidate must be an active member of the CISTC at the time of nomination; and
- the candidate must have made significant contributions to the technical advancement of security.

Award Selection Committee

The recipient of the CISTC Technical Recognition Award is decided by the CISTC Technical Recognition Award Selection Committee, which is chaired by a past CISTC chair. The committee also consists of the current CISTC officers (Chair, Vice-Chair, and Secretary) plus one additional CISTC member nominated by the Award Selection Committee Chair.

Support for the Award

The CISTC Technical Recognition Award is supported by the IEEE ComSoc and will be funded under the IEEE ComSoc annual budget for supporting Technical Committee activities.

(December, 2013)

Appendix III

Conference	Submitted	Accepted	Reviews	TPC	Representatives
CISTC Organized Conferences					
ICC'13, June 9 – 13, 2013 Budapest, Hungary	134	52	>=3	110	Tansu Alpcan Mark Felegyhazi Kejie Lu
GC'13, December 9 – 13, 2013 Atlanta, GA, USA	122	46	>=3	133	Yi Qian Yunghsiang Sam Han Loukas Lazos
ICC'14, June, 2014 Sidney, Australia	202	TBD	>=3	208	Peter Mueller Shui Yu Thorsten Strufe
GC'14, November 16 -20, 2014 Austin, TX, USA	TBD	TBD	TBD	TBD	Xiaodong Lin Jun Li Dwayne Rosenburgh
ICC'15, June 7-11, 2015 London, UK	TBD	TBD	TBD	TBD	Proposed to be confirmed
GC'15, December 6 -10, 2015 San Diego, California	TBD	TBD	TBD	TBD	Proposed to be confirmed
IEEE CNS 2013 October 14 ~16, 2013 Washington D.C., USA	141	40	>=3	87 TPCs + 9 Area Chairs	Wenjing Lou Wade Trappe

CISTC Endorsed Conferences					
<p>ICNC-2013 January 28-31, 2013; San Diego, USA http://www.conf-icnc.org/2013/</p>					<p>Shui Yu, Deakin University, Australia Kai Zheng, IBM China Research Lab Suku Nair, SMU, Dallas, USA</p>
<p>WTS'13 April 17-19, 2013; Phoenix, Arizona, USA http://www.csupomona.edu/~wtsi/wts/index.htm</p>					<p>Steven Powell, General Chair Ehsan Sheybani, Program Committee Co-Chair Qing-An Zeng, Publication Chair</p>
<p>ComComAp 2013 Computers, Communications and IT Applications Conference 2013 April 1st – 4th, 2013 – HKUST – Hong Kong – China http://comcomap.net/2013/</p>					<p>Hsiao-Hwa Chen, National Cheng Kung University, Taiwan Peter Muller, IBM Zurich Research Laboratory, Switzerland Mohsen Guizani, Qatar University, Qatar</p>
<p>INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS (ICT 2013) May 6-8, 2013; Casablanca, Morocco http://www.ict-2013.org/</p>					<p>Jiazhen Zhou, University of Wisconsin-Whitewater, USA Bo Rong, Communications Research Center Canada, Canada Wei Li, University of Victoria, Canada</p>

ICCIT 2013 June 19-21, 2013; Beirut, Lebanon http://www.iccit-conf.org/					Peter Mueller, IBM Zurich Research Laboratory, Switzerland Nidal Nasser, Alfaisal University, KSA Hussein Mouftah, University of Ottawa, Canada
MoWNet 2013 August 19-21, 2013; Montreal, Canada http://www.mownet.org/					Abderrahim Benslimane abderrahim.benslimane@univ-avignon.fr Hsiao-Hwa Chen, TPC co- chair; email: hshwchen@ieee.org Dhadesugoor R. Vaman, workshop co-chair; email: drvaman@pvamu.edu
CITS 2013 May 7-10, 2013; Piraeus-Athens, Greece http://atc.udg.edu/CITS2013/					Mohammad S. Obaidat, General Chair, obaidat@monmouth.edu Peter Mueller, pmu@zurich.ibm.com Floriano De Rango, derango@deis.unical.it
SPECTS 2013 July 7-10, 2013, Toronto, Canada http://atc.udg.edu/SPECTS2013/					Floriano De Rango, derango@deis.unical.it Lei Shu, lei.shu@live.ie Mohammad S. Obaidat, obaidat@monmouth.edu
ICCCN 2013 July 30 - August 2, 2013, Nassau, Bahamas http://www.iccn.org/iccn13/					Chin-Tser Huang, huangct@cse.sc.edu Roberto Di Pietro, dipietro@mat.uniroma3.it Kui Ren, kuiren@buffalo.edu
ICACCI 2013 August 22-25, 2013;					Maode Ma, Program Chair, EMDMA@ntu.edu.sg

Mysore, India http://icacci-conference.org/site/				Peter Mueller, pmu@zurich.ibm.com Floriano De Rango, derango@deis.unical.it
September 10-12, 2013, Shanghai, China http://www.itc25.org/				Jun Cai, jcai@ee.umanitoba.ca Deep Medhi, DMedhi@umkc.edu Victor Yu Liu, Victor.Liu@huawei.com
ICIN 2013 October 14-17, 2013, Venice, Italy http://www.icin.co.uk/				Thomas Michael Bohnert, Zurich University of Applied Sciences, Switzerland Rebecca Copeland, Core Viewpoint, UK Hui-Lan Lu, Alcatel- Lucent, USA Roberto Minerva, Telecom Italia, Italy Bernard Vilain, Cassidian, France
NOF 2013 October 21-24, 2013, Pohang, South Korea http://nof2013.postech.ac.kr/				Azzedine Boukerche, University of Ottawa, Canada Jalel Ben-Othman, University of Paris 13, France Cheng Li, Memorial University of Newfoundland, Canada
LATINCOM 2013 Santiago, Chile, 24-26 November 2013. http://www.ieee-latincom.org/2013/				Peter Mueller, IBM Zurich Research Laboratory, Switzerland Yi Qian, University of Nebraska-Lincoln, USA Kejie Lu, University of Puerto Rico at Mayaguez, Puerto Rico

<p>ICSPCS 2013 16 - 18 December 2013, Gold Coast, Australia http://www.dspsc-witsp.com/icspcs_2013/index.html</p>				<p>Hamid Sharif, University of Nebraska-Lincoln Tadeusz A Wysocki, University of Nebraska-Lincoln Joel Rodrigues, University of Beira Interior</p>
<p>International Conference on Computing, Networking and Communications (ICNC 2014) Honolulu, Hawaii, USA, February 3-6, 2014 http://www.conf-icnc.org/2014/</p>				<p>Rose Qingyang Hu, Utah State University, USA Honggang Wang, University of Massachusetts Dartmouth, USA Song Ci, University of Nebraska-Lincoln, USA</p>

Appendix IV

Journal special issues		
special issue Topic	Publisher/Journal	Editors
Secure and Energy-Efficient Data Collection in Wireless Sensor Networks	Hindawi International Journal of Distributed Sensor Networks	Anfeng Liu, Laurence T. Yang, Motoki Sakai, and Mianxiang Dong
Intrusion Detection and Security Mechanisms for Wireless Sensor Networks	Hindawi International Journal of Distributed Sensor Networks	S. Khan, Jaime Lloret, and Jonathan Loo
Signal Processing for Wireless Physical Layer Security	IEEE Journal on Selected Areas in Communications	Walid Saad (Lead), Eduard Jorswieck, Lifeng Lai, Wing-Kin (Ken) Ma, H. Vincent Poor, A. Lee Swindlehurst
Security, Privacy and Trust Management in the Internet of Things era- SePriT	Elsevier Ad Hoc networks	Sabrina Sicari, Stephen Hailes, Damla Turgut, Sanaa Sharaffedine, Udai Desai
Secure Physical Layer Communications	IET Communications	Trung Q. Duong, Daniel Benevides da Costa, Kyeong J. Kim, Kuang-Hao (Stanley) Liu, Vo Nguyen Quoc Bao
Security in Wireless Multimedia Communications	IEEE Communications Magazine	Rose Qingyang Hu, Bo Rong, Chonggang Wang, Yi Qian, and Hsiao-Hwa Chen
Management of Software Defined Networks (SDNs)	Springer Journal of Network and Systems Management	Bhumip Khasnabish, Baek-Young Choi, Nick Feamster
Enabling Next Generation Airborne Communications	IEEE Communications Magazine	Aradhana Narula-Tam, Kamesh Namuduri, Serge Chaumette, Domenico Giustiniano, and John Schlorff
Semantic Media Adaptation and Personalization	IGI Global	Philippe ROOSE, Sébastien LABORIE, Phivos MYLONAS and Manolis WALACE
Books		
Book title	Publisher	Authors/ Editors
Imbalanced Learning: Foundations, Algorithms, and Applications	Wiley-IEEE, July 2013	H. He and Y. Ma
Coding and Cryptography - Synergy for a Robust Communication	Oldenbourg (de Gruyter), September, 2013	Natasa Zivic

Physical Layer Security in Wireless Communications	CRC Press, November 2013	Xiangyun Zhou; Lingyang Song; Yan Zhang
Benchmarking Peer-to-Peer Systems - Understanding Quality of Service in Large-Scale Distributed Systems	Springer, Lecture Notes in Computer Science	Wolfgang Effelsberg, Ralf Steinmetz, Thorsten Strufe
Distributed Denial of Service Attack and Defense	Springer, 2013	Shui Yu
High Performance Cloud Auditing and Applications	Springer, 2014	Keesook J. Han, Baek-Young Choi, Sejun Song
Architectures and Protocols for Secure Information Technology	IGI-Global, September 2013	Ruiz Martínez, Pereníguez-García and Marín-López
Books in Preparation		
Security for Multihop Wireless Networks	CRC Press	Shafiullah Khan and Jaime Lloret
The State of the Art in Intrusion Prevention and Detection	CRC Press, Taylor & Francis, January 2014	Al-Sakib Khan Pathan
QC-LDPC Code-Based Cryptography	SpringerBriefs in Electrical and Computer Engineering Springer, 2014	Marco Baldi
Upcoming Journal special issues		
Networking for Big Data	IEEE Network	Shui Yu, Xiaodong Lin, and Jelena Misić
Next generation mobility network security	The Journal of Cyber Security and Mobility	Ashutosh Dutta, Ruby Lee, Neeli R. Prasad, Roger Piqueras Jover
Mobile Application Security: Methodologies and Solutions	IEEE Computer	Ying-Dar Lin, Chun-Ying Huang, Matthew Wright, and Georgios Kambourakis
Deep Packet Inspection: Algorithms, Hardware, and Applications	IEEE Journal on Selected Areas in Communications	Ying-Dar Lin, Po-Ching Lin, Viktor K. Prasanna, H. Jonathan Chao, John W. Lockwood
Traffic Forensics: Systems, Tools, and Experimentations	IEEE Systems Journal	Ying-Dar Lin, Yuan-Cheng Lai, George Kesidis, Athanasios V. Vasilakos
Cloud Security	IEEE Transactions on Cloud Computing	David S. L. Wei, Siani Pearson, Kanta Matsuura, Patrick P. C.

		Lee, Kshirasagar Naik
Service Computing and Computing Simulation	Hindawi The Scientific World Journal	Chunlin Chen, Shiguo Lian, and Dimitrios Koukopoulos
Ideas About Feature Topics		
Security issues on novel lightweight security concepts for the internet of things	TBD	Eduard Jorswieck