Zonghua Zhang

Professor ([HDR](#) 2015, UPMC; Ph.D 2006, JAIST)

IMT Lille Douai
Institut Mines-Télécom, France

Contact Info

Office: D110N
Rue Guglielmo Marconi, 59650, Villeneuve-d'Ascq, France
(+33) 03 20 43 64 22
zonghua.zhang at imt-lille-douai.fr
zonghua.zhang at gmail.com

Research

- [Research Interests](#)**:** Network security, trust management, and data privacy
- [NEPS Group@IMT Lille Douai](#) (Ongoing projects, Ph.D. students, etc.): We've organzed **ICICS 2018** !

Teaching

- [Telecom Services - Architectures, Protocols, and Security](#)
  - Starting from October for 3rd year engineer students on campus
  - Starting from February for e-learning students from the industry
- [Principles and Models of Security (PMS),](#) Starting from October (for the final year engineer students)
- [System and Network Security (SRS),](#) Starting from November (for the final year engineer students)
- [Security of Critical Infrastructure (SCI),](#) Starting from January (for the students of **Master Cybersecurity program at IMT Lille Douai**)
- [Data Processing](#) (University of Lille1), Starting from Sept. (for Master 2 non-ICT students)
- [PST -- Sujets de Projets Scientifiques Technologiques](#), Starting from Nov. (for the final year engineer students at IMT Lille Douai)

Biography

Zonghua Zhang is a Full Professor of IMT Lille Douai, Institut Mines-Télécom. He used to work as a full-time researcher at NICT (Japan), INRIA (France), and University of Waterloo (Canada). He holds a Ph.D. degree (JAIST, Japan) in information science, and a HDR diploma (UPMC, France) in computer science. Zonghua has more than 17 years experiences in the domain of information and network security, and contributed to more than a dozen national and international collaborative research projects dedicated to Cybersecurity. His research topics cover anomaly detection, network forensics, trust and reputation management, and security protocols. The current target scenarios include Software-Defined Networking (SDN), Network Functions Virtualization (NFV), and Cyber-Physical Systems (CPS) (e.g., e-healthcare and Intelligent Transportation Systems). He serves as the editorial board member of Computer & Security (COSE), Security and Communication Networks (SCN), International Journal of Network Security (IJNS), and IEEE Communications Magazine.

Professional Activities

Editorial Board of International Journals

Associate Editor - Computers & Security (Elsevier)

Associate Editor - Security and Communication Networks

Associate Editor - International Journal of Network Security

Associate Technical Editor - IEEE Communications Magazine (2015-2018)

Guest Editor

Security and privacy of IoT, World Wide Web Journal, 2016 (with Hua Wang, and Tarik Taleb)

IJAACS Special issue on Security, Trust and Privacy in DTN and Vehicular Communications, 2008

Wiley's Journal on Security and Communication Networks, Special issue on Security and Privacy Preservation in VANETs, 2008

General Co-chair

ICICS 2018 (20th International Conference on Information and Communications Security), Lille, France, Oct. 29 - 31, 2018

SECUBIQ 2007 (now DASC)

Program Co-chair

ICDIS 2018: 2018 First International Conference on Data Intelligence and Security

The 11th IEEE International Conference on Autonomic and Trusted Computing (ATC-2014)

CSE 2011 (Track on Security, Trust, and Privacy)

TSP 2010 - the 3rd IEEE Symposium on Trust, Security and Privacy, Bradford, UK, June 29 - July 1, 2010

Publicity Co-chair

The Fifth International Symposium on Smart Home (SH 2010), VCNA 2009

Workshop Chairs

FutureTech 2014

DASC 2014

ICCIT 2012

DASC 2009

Track chairs

The International Symposium on Networks, Computers and Communications (ISNCC), 19-21 June, 2018, Rome, Italia

Security, privacy, and trust track

The 3rd IEEE International Smart Cities Conference (ISC2 2017), Wuxi, China, 14 - 17 September, 2017

Security and privacy track

The International Symposium on Networks, Computers and Communications (ISNCC), Marrakech, Morocco, May 17 - 19, 2017

Security, privacy, and anonymity track

The IEEE International Smart Cities Conference (ISC2 2016), Trento, Italy, 12 - 15 September, 2016

Security and privacy track

The 15th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-16), Tianjin, China, 23-26 August, 2016

Privacy track

The 13th IEEE International Conference on Advanced and Trusted Computing (ATC-2016), Toulouse, France, July 18-21, 2016

Track on SDN/NFV security

Tutorial Chair

The 17th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT-16), Guangzhou, China, December 16 - 18, 2016

TPC Member

2018

DSC 2018: 2018 IEEE Conference on Dependable and Secure Computing, December 10—13, 2018, Kaohsiung, Taiwan

Globecom 2018 CISS: IEEE Global Communications Conference (Communication & Information System Security), 9 -13 December 2018, Abu Dhabi, UAE

ARES 2018: The 13th International Conference on Availability, Reliability and Security, August 27 - August 30, 2018, Hamburg, Germany

NSS 2018: The 12th International Conference on Network and System Security, Hong Kong, China, 27-29 August, 2018

SDN-NFV Security 2018: https://www.cs.clemson.edu/nss/sdnfvsec2018/, March 24, 2018, Scottsdale, Arizona, USA

ATC 2018: The 15th IEEE International Conference on Advanced and Trusted Computing, Oct 8 - 12, 2018, Guangzhou, China

ISNCC 2018: The International Symposium on Networks, Computers and Communications, 19-21 June, 2018, Rome, Italia

2017

SDN-NFV Security 2017 ACM International Workshop on Security in Software Defined Networks & Network Function Virtualization, Scottsdale, Arizona, USA, March 24, 2017

ACM Turing 50th Celebration Conference - China (ACM TUR-C 2017), Security and Privacy Track, Shanghai, China, May 12 - May 14, 2017

The International Symposium on Networks, Computers and Communications (ISNCC), Marrakech, Morocco, May 17 - 19, 2017

NSS 2017 (The 11th International Conference on Network and System Security), Helsinki, Finland, 21-23 August 2017

2017 IEEE Conference on Dependable and Secure Computing (DSC 2017), Taipei, Taiwan, August 7—10, 2017

The 14th IEEE International Conference on Advanced and Trusted Computing (ATC 2017), August 4 - 8, San Franciso, USA, 2017.

2016

AsiaCCS 2016 (The 11th ACM Asia Conference on Computer and Communications Security), Xi'an, China, May 30 - June 3, 2016.

SDN-NFV Security 2016 ACM International Workshop on Security in Software Defined Networks & Network Function Virtualization, New Orleans, LA, USA, March 11, 2016.

NSS 2016

2015

NSS 2015 (The 9th International Conference on Network and System Security)

CSS 2015 (The 7th International Symposium on Cyberspace Safety and Security)

The 2nd International Conference on Information and Communication Technologies for Disaster Management (ICT-DM'2015)

IISA 2015 - Special Session on Smart Health

Prior to 2015

The 2014 IEEE International Symposium on Pervasive Systems, Algorithms, and Networks (I-SPAN 2014)

HPCS 2011, WCNC 2011, ATNAC 2011, SaCoNAS (in conjunction with GlobeCom 2011), SCNC 2011 (in conjunction with Infocom 2011)

PDCAT 2010, SCC 2010, CloudCom 2010, ICNC 2010, ICEBE 2010, ICC 2010, NBiS 2010, WCNC 2010, FCST 2010, SHPCS'10

CloudCom 2009, TrustCom 2009, ICUT 2009, ICEBE 2009, PDCAT 2009, ICA-IN-WIRELESS 2009, Globecom 2009, TSP 2009, ARES-PSAI 2009/2008, WLN 2009/2008, , SHPCS'09

ATC 2008, SHPCS'08, WCNC2008, WSAN 200

SSNDS-07, Ubisafe-07

Reviewer

Journals

ACM Trans. on Info. and Sys. Security

Elsevier Computers & Security

IEEE Internet of Things Journal

IEEE Transactions on Neural Networks and Learning Systems

IEEE Trans. on Dependable and Secure Computing

IEEE Trans.on Computers

IEEE Trans. on Parallel and Distributed Sys.

IEEE Trans. on SMC-A/B

IEEE Trans. on Reliability

IEEE Network

Springer Cluster Computing

EURASIP Journal on Wireless Communications and Networking

Journal of Network and Systems Management

Pattern Recognition Letters

Intl. Journal of Net. Security

Security and Communication Networks

Journal of Parallel and Distributed Computing

Journal of supercomputing

Frontier of Chinese Journal

Conferences:

DSN-DCCS 2009, etc.

ARES-PSAI 2008, ICC2008, WCNC2008, etc.

SRDS2007, WLAN2007, SSNDS-07, Ubisafe-07, GlobeCom 2007, ICC2007, etc.

ICPADS2006, PDCAT2005, DSN2005-2007, GCC2005-2007, NPC2005, ICCSA2006, etc.