



22-24
November
2017

**HO CHI MINH CITY,
VIETNAM**

20th International Information Security Conference

ISC'17

Website: <http://isc2017.vgu.edu.vn/>

Contact: isc2017@vgu.edu.vn

Conference Introduction

The Information Security Conference (ISC) is an annual international conference covering research in theory and applications of Information Security. ISC aims to attract high quality papers in all technical aspects of information security. It was first initiated as a workshop in Japan in 1997 (ISW'97, LNCS 1396), Malaysia (ISW'99, LNCS 1729), and Australia (ISW'00, LNCS 1975), and then changed to the current name ISC when it was held in Spain in 2001 (ISC'01, LNCS 2200). Later conferences were held in Brazil (ISC'02, LNCS 2433), UK (ISC'03, LNCS 2851), California, USA (ISC'04, LNCS 3225), Singapore (ISC'05, LNCS 3650), Greece (ISC'06, LNCS 4176), Chile (ISC'07, LNCS 4779), Taipei, Taiwan (ISC'08, LNCS 5222), Italy (ISC'09, LNCS 5735), Florida, USA (ISC'10, LNCS 6531), China (ISC'11, LNCS 7001), Germany (ISC'12, LNCS 7483), and Dallas, USA (ISC'13), Hong Kong (ISC'14), Norway (ISC'15), Hawaii, USA (ISC'16).

The 20th Information Security Conference (ISC'17) will be held in Ho Chi Minh city, Viet Nam. This event is hosted by Vietnamese German University (VGU) in Ho Chi Minh city, Viet Nam. The conference seeks submissions from academia, industry, and government that present novel research on all theoretical and practical aspects of Information Security.

Conference topics

ISC aims to attract high quality papers in all technical aspects of information security. Areas of interest include, but are not restricted to:

- Access control
- Accountability
- Anonymity and pseudonymity
- Applied cryptography
- Authentication
- Biometrics
- Computer forensics
- Critical infrastructure security
- Cryptographic protocols
- Database security
- Data protection
- Data/system integrity
- Digital right management
- Economics of security and privacy
- Electronic frauds
- Embedded security
- Formal methods in security
- Identity management
- Information hiding & watermarking
- Intrusion detection
- Network security
- Peer-to-peer security
- Privacy
- Secure group communications
- Security in information flow
- Security for Internet of Things
- Security for mobile code
- Secure cloud computing
- Security in location services
- Security modeling & architectures
- Security and privacy in social networks
- Security and privacy in pervasive and ubiquitous computing
- Security of eCommerce, eBusiness and eGovernment

- Security models for ambient intelligence environments
- Trust models and trust policies
- Information dissemination control

Paper publisher

As in all previous ISC editions, the proceedings will be published in the Springer Lecture Notes in Computer Science (LNCS) series. Please refer the further information of paper submission in the link:

<http://isc2017.vgu.edu.vn/call.html>

Important Dates

- Submission Deadline: **July 7, 2017 (23:59 ICT)**
- Notification of Decision: August 23, 2017
- Camera Ready Deadline: **September 7, 2017**
- Conference Dates: November 22-24, 2017

Co-General Chairs

- Martin Kappes, *Vietnamese German University, Vietnam, and Frankfurt am Main University, Germany.*
- Dinh-Thuc Nguyen, *University of Science, VNU-HCM, Vietnam.*

Program Chairs

- Phong Nguyen, *Inria (France) and CNRS/JFLI/University of Tokyo (Japan).*
- Jianying Zhou, *SUTD (Singapore University of Technology and Design).*

Steering Committee

- Colin Boyd, *Norwegian University of Science and Technology, Norway.*

- Ed Dawson, *Queensland University of Technology, Australia.*
- Javier Lopez, *University of Malaga, Spain*
- Masahiro Mambo, *Kanazawa University, Japan*
- Eiji Okamoto, *University of Tsukuba, Japan*
- Susanne Wetzels, *Stevens Institute of Technology, USA*
- Rui Zhang, *University of Delaware, USA*
- Yuliang Zheng, *University of Alabama at Birmingham, USA*

Program Committee

- Shweta Agrawal, *Indian Institute of Technology Madras, India*
- Gail-Joon Ahn, *Arizona State University, United States*
- Yoshinori Aono, *National Institute of Information and Communications Technology, Japan*
- Jean-Philippe Aumasson, *Kudelski Security, United States*
- Gildas Avoine, *INSA Rennes, France*
- Sherman Chow, *Chinese University of Hong Kong, Hong Kong*
- Carlos Cid, *Royal Holloway, University of London, United Kingdom*
- Yuval Elovici, *Ben-Gurion University, Israel*
- Debin Gao, *Singapore Management University, Singapore*
- Juan Garay, *Yahoo Labs, United States*
- Stefanos Gritzalis, *University of the Aegean, Greece*
- Sokratis Katsikas, *Norwegian University of Science and Technology, Norway*
- Stefan Katzenbeisser, *Security Engineering Group, TU Darmstadt, Germany*
- Noboru Kunihiro, *University of Tokyo, Nhật Bản*
- Qi Li, *Tsinghua University, China*

- Zhiqiang Lin, *The University of Texas at Dallas, United States*
- Javier Lopez, *University of Malaga, Spain*
- Mark Manulis, *University of Surrey, United Kingdom*
- Weizhi Meng, *City University of Hong Kong - Hong Kong*
- Chris Mitchell, *University of London, UK*
- David Naccache, *École normale supérieure, Pháp*
- Khoa Nguyen, *Nanyang Technological University, Singapore*
- Tatsuaki Okamoto, *Nippon Telegraph and Telephone Corporation, Japan*
- Yanbin Pan, *Chinese Academy of Sciences, China*
- Hieu Phan, *University of Limoges, France*
- Indrakshi Ray, *Colorado State University, United States*
- Matt Robshaw, *Impinj Inc, United States*
- Pierangela Samarati, *University of Milan, Italia*
- Gang Tan, *Penn State University, United States*
- Lei Wang, *Shanghai Jiao Tong University, China*

Local Organization Board

- Michael Braun, *Vietnamese - German University, Vietnam*
- Viet Ho, *Vietnamese - German University, Vietnam*
- Jae-Young Hur, *Vietnamese - German University, Vietnam*
- Hung Nguyen, *Vietnamese - German University, Vietnam*
- Trang Nguyen, *Vietnamese - German University, Vietnam*
- Anh Tran, *Vietnamese - German University, Vietnam*
- Huong Tran, *Vietnamese - German University, Vietnam*
- Ngoc Tran (local chair), *Vietnamese - German University, Vietnam*

Keynotes



Professor Adi Shamir is a professor at the Faculty of Mathematics and Computer Science, the Weizmann Institute, Israel, and an invited professor at École Normale Supérieure in Paris, France.

Prof. Shamir is worldwide well-known for being a co-inventor of the famous public key RSA, a co-inventor of the Feige-Fiat-Shamir identification scheme, and one of the inventors of differential cryptanalysis.

In addition to RSA, Prof. Shamir also has several other inventions and contributions including the Shamir secret sharing scheme, the breaking of the Merkle-Hellman knapsack cryptosystem, visual cryptography, and the TWIRL and TWINKLE factoring devices. Together with Eli Biham, he discovered differential cryptanalysis, a general method for attacking block ciphers.



Dr. Thai Duong is working at Google, USA, as a security and crypto lead.

Dr. Thai is a vulnerability researcher with an interest in applied crypto, best known for discovering the BEAST, CRIME and POODLE SSL attacks. He found and developed an exploit for a padding oracle vulnerability in the ASP.NET framework that powered more than 20% websites on the Internet. He led the development of Project Wycheproof and end-to-end encryption in Google Allo.

Ho Chi Minh City

Ho Chi Minh City, with the population of 8 million, is the largest city and the economic hub in Vietnam. Located in Southern Vietnam, it is situated near Mekong River Delta. Situated in savanna climate region, Ho Chi Minh City climate retains two distinct seasons, namely the rainy season from May to November with annual average rainfall of 1.979mm, and the dry season, which lasts from December to April. The average temperature is around 27°C and there is no snow in the city.

Ho Chi Minh City is the largest tourism center in Vietnam, annually attracting more than 70% of international tourists to the country. Tourist attractions in Ho Chi Minh are diverse and attractive. With 11 museums, mainly on history, Ho Chi Minh City ranks No.1 in the number of museums in Vietnam. The biggest and oldest museum is Vietnam History Museum with more than 30,000 artifacts. Besides, War Remnants Museum, Ho Chi Minh Museum also have great appeal for tourists.

In addition, Ho Chi Minh City is a metropolis of religious diversity. The biggest and most famous in the city is Saigon Notre-Dame Basilica in District 1. The 19th century (influenced by France) has left many important architectural works, namely Municipal People's Council, Saigon Opera House, Saigon Central Post Office, Reunification Palace, Saigon General Sciences Library was built under Republic of Vietnam. Modern architecture noted in buildings, hotels, commercial centers such as Diamond Plaza, Saigon Trade Centre can be found.

Furthermore, outside the center area, Cu Chi Tunnels, Can Gio mangroves, Thu Duc stork garden are remarkable tourist attractions. Surrounding Ho Chi Minh City are Phu Quoc Island, Con Dao Island, Vung Tau beach, Long Hai beach, etc.

