

Program of WAIS2014

Venue: No.1 Meeting Room, second floor, Qingyun Hotel, Fudan University,
220 Handan Road, Shanghai (Handan Campus)

会议地址: 复旦大学（本部）卿云楼，二楼第一会议室。上海邯郸路220号

9 January 2014

Welcome Dinner: 6:30 pm, Zhengda Restaurant, 1st Floor of Qingyun Hotel

10 January 2014

8:15-8:30: Opening Remark (Yunlei Zhao)

Session-1: Network Security (Chair: Prof. Jong Kim)

1. 8:30-8:55.

Design of Anomaly Detection for Sensors Supporting BigData Network

(Yoshiaki Hori, Saga University, JAPAN)

2. 8:55-9:20

Traffic Isolation via User Classification for DDoS Defense

(Rashad Aliyev, Korea University, Korea)

3. 9:20-9:45

A Behavior-Based Port Scan Detection by the Distribution Diagram of Accessed
Ports

(WANG CAN, ISIT/Kyushu University, JAPAN)

4. 9:45-10:10

Classify unknown packing algorithms for Packed Executables using Entropy
Analysis (MUNKHBAYAR BAT-ERDENE, Korea University, Korea)

10:10-10:30: Coffee Break

Session-2: Mobile Security (Chair: Prof. Heejo Lee)

1. 10:30-10:55

Kernel level sandbox for android applications

(Beumjin Cho, POSTECH, Korea)

2. 10:55-11:20

An Analysis of Android Ad Library Focusing on Behavior Characteristics

(Naoya Kajiwara, ISIT/Kyushu University, JAPAN)

3. 11:20-11:45

Android Malware Alert Toolbars

Minkyu JOO POSTECH, Korea

4. 11:45-12:10

Cheater Identifiable Secret Sharing against Rushing Adversary

(Rui Xu, Kyushu University, Japan)

12:10-1:30 Dinner (Lushan Chun, 3rd Floor, Dan Yuan) 旦苑庐山村包房

Session-3: Network Security and Privacy (Chair: Prof. Yoshiaki Hori)

1. 1:30-1:55

I Know the Shortened URLs You Clicked on Twitter: Inference Attack using
Public Click Analytics and Twitter Metadata

(Hyungsub Kim, POSTECH, Korea)

2. 1:55-2:20

Acquiring HTML5 artifacts in Web browser from working memory image

(Shinichi Matsumoto, ISIT, JAPAN)

3. 2:20-2:45

Privacy for Continual Data Publishing

(Junpei Kawamoto, Kyushu University, JAPAN)

4. 2:45-3:10

Extracting C&C Traffic with Session Classification Using by Machine Learning

(Kazumasa Yamauchi, ISIT/Kyushu University, JAPAN)

3:10-3:30: Coffee Break

Session-4: Authentication and Signatures (Chair: Prof. Kyung-hyune Rhee)

1. 3:30-3:55

Fully secure updatable key identity-based signature scheme from lattices
(Zhenhua Liu, Kyushu University, Japan)

2. 3:55-4:20

Anonymous Signature with User-controlled Opening Capability
(Minkyu JOO POSTECH, Korea)

3. 4:20-4:45

RFID Authentication Protocol Against Counterfeiting Attack (Tran Duy Think ,
POSTECH, Korea)

5:00-8:30pm : Dinner (Bus leave at 5:00 pm at the gate of Qingyun Hotel,
Restaurant: Oriental TV Tower Rotating Restaurant, with a great view at city center)

11 January 2014

Session-5: Plenary Talk (Session Chair: Yunlei Zhao)

8:30-9:30

ISO/IEC JTC1/SC27 standards for digital signatures & entity authentication
mechanisms

(Prof. Pil Joong LEE, POSTECH, Korea)

9:30-10:00 Coffee Break

Session-6: Foundations (Chair: Prof. Zhenhua Liu)

1. 10:00-10:25

Attribute-Based Identification: Definitions and Recent Developments
(Hiroaki Anada, ISIT, JAPAN)

2. 10:25-10:50

A Blind Forgery Detection Method using Computability Metrics.
(Munkhbaatar Doyoddorj, Pukyong National University, Korea)

3. 10:50-11:15

Fast multiplications over $GF(2^{32})$ using Graphics Processing Unit

(Satoshi Tanaka, ISIT/Kyushu University, JAPAN)

4. 11:15-11:40

Security analysis of collusion-resistant nearest neighbor query scheme on encrypted cloud data

(Youwen Zhu, Kyushu University, JAPAN)

5. 11:40-12:05

Zero-Knowledge Identification Scheme Based on q-ary Linear Codes.

(Rong Hu, Kyushu University, Japan)

12:15-1:30 pm, Lunch (Lushan Chun, 3rd Floor, Danyuan Restaurant).

1:30-6:00 pm: Tour sighting: The Great Bridge of East Sea, Yangshan Deep Sea Port and Shanghai Free Trade Zone (Bus leave at 1:40 pm, at the gate of Qingyun hotel)

