



# *Pricom 2018*

The 4th International Symposium on Privacy Computing

*Aug. 6<sup>th</sup> ~ Aug. 8<sup>th</sup>, 2018*

*Boppard, Germany*



中国科学院 信息工程研究所  
INSTITUTE OF INFORMATION ENGINEERING, CAS

FernUniversität in Hagen (German)



上海交通大学  
Shanghai Jiao Tong University

# For Your Information

## Registration

Registration is scheduled on Aug. 6<sup>th</sup> from 14:00 to 18:00 at the Ebertor Hotel, Boppard, Germany.

## Symposium Venue

The Symposium will be held at *the Ebertor Hotel*, as shown in the figure below;



## Notice:

### Name Badge

Participants are requested to wear the name badge all time during the symposium coffee break, lunch, welcome reception and dinner.

### Functions

Welcome dinner, Tour and Conference Banquet are open to all conference participants.

**Reception Dinner:** 6<sup>th</sup> August. 2018, 18:00 on board

**Banquet:** 7<sup>th</sup> August 2018, the place to be announced

**Social activity:** 8<sup>th</sup> August 2018, 9:00-17:30

### Contact during the symposium

Wolf Hartman Riebe +49 (0) 15234176231

Juan Mei +49 (0) 17634066963

# Program of PriCom2018

*Ebertor Hotel, 6.-8. August 2018, Boppard, Germany*

<b>Monday, 6 Aug. 2018</b>
<b>14:00-18:00</b> Registration at the Ebertor Hotel
<b>18:00</b> Reception Dinner on board
<b>Tuesday, 7 Aug. 2018</b>
<b>08:45-09:00</b> Opening Ceremony
<b>09:00-10:00</b> Session 1: Invited Speaker, Chair: Zhong Li <ul style="list-style-type: none"><li>• CXXX, Prof. Shujun Li (University of Kent, England)</li></ul>
<b>10:00-10:30</b> Tea Break
<b>10:30-11:30</b> Invited Speaker, Chair: Jianfeng Ma <ul style="list-style-type: none"><li>• Chaos Control and its applications, Prof. Zhong Li (FernUniversität in Hagen, Germany)</li></ul>
<b>12:00-13:00</b> Lunch
<b>13:45-15:10</b> Chair: Zhong Li <ul style="list-style-type: none"><li>• <b>13:45-14:25: A Personalized k-anonymity based Scheme for Mobile Users in Location-Based Services,</b> Fenghua Li (Institute of Information Engineering, Chinese Academy of Sciences)</li><li>• <b>14:25-15:10: Secure Numeric-Related SQL Processing in Cloud Databases under Multiple Keys,</b> Jianfeng Ma, Yulong Shen (Xidian University)</li></ul>
<b>15:10-15:30</b> Tea Break
<b>15:30-17:20</b> Chair: Weidong Qiu <ul style="list-style-type: none"><li>• <b>15:30-16:10: Privacy Preserving Data Sharing Scheme in Content Centric Networks,</b> Hui Li (Xidian University)</li><li>• <b>16:10-16:50: A Software-Defined Framework for Deploying Dynamic Network Security Policies,</b> Deqing Zou (Huazhong University of Science and Technology)</li></ul>

- **16:50-17:30: Side Channel Attacks and Countermeasures on Pairing Based Cryptosystems over Binary Fields Privacy-Protection mutual Authentication and Key Agreement Scheme for D2D Communications in LTE-A Network**, Jin Cao (Xidian University)

**18:00-20:00: Conference Banquet (Le Chopin im Bellevue Rheinhof)**

**Wednesday, 8 Aug. 2018**

**08:30-09:50, Chair: Fenghua Li**

- **08:30-09:10: Assessing Privacy Risks for Applications on Smartphone**, Zheng Wang (Hangzhou Dianzi University).
- **09:10-09:50: An Up-to-Date Overview of Consumer Privacy Mining Algorithms in Smart Grid**, Zijian Zhang (Beijing Institute of Technology)

**09:50-10:10 Tea Break**

**10:10-12:00 Chair: Deqing Zou**

- **10:10-10:40: Resolving Privacy Conflicts in Online Social Network: a Bargaining-based Incentive Approach**, Lihua Yin (Guangzhou University)
- **10:40-11:20: Privacy protection for Machine Type Communications via Bulk Signaling Handling**, Yueyu Zhang (Xidian University)
- **11:20-12:00: A Model for Detecting Network Attacks Based on Deep Learning**, Huijuan Lian, Jie Guo (Shanghai Jiao Tong University)

**12:00-13:30 Lunch**

**13:30-14:50 Chair: Weidong Qiu**

- **13:30-14:10: A Gameing Theoretic Framework for Defending Against Memcached based Reflection Distributed Denial-of-Service Attacks**, Zizhong Tian (Guangzhou University)
- **14:10-14:50: A Joint-Entropy Based Mix-zone Scheme for Protecting Location Privacy in Internet of Vehicles**, Xia Feng, Liangmin Wang (Jiangsu University)

**14:50-15:10 Tea Break**

**15:10-17:40 Chair: Yulong Shen**

- **15:10-15:40: Enabling Practical Multi-keyword Ranked Search Based on BM25 over Encrypted Cloud Data**, Xiangyu Wang (Xidian University)
- **15:40-16:20: Cryptanalysis of an Image Encryption Algorithm Based on Information Entropy**, Chengqing Li (Hunan University)
- **16:20-17:00: Cryptanalysis of an Image Encryption Algorithm Based on Information Entropy**, Chengqing Li (Hunan University)
- **17:00-17:40: A privacy-preserving authentication protocol for wireless e-health system**, Xiaosong Zhang (University of Electronic Science and Technology)
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**17:40-18:00 Closing**