

ICISSP 2016 : The 2nd International Conference on Information Systems Security and Privacy Report

By: Antonio Gonzalez Burgueno

For :The Research School “COINS Research School of Computer and Information Security”

1. ICISSP

The International Conference on Information Systems Security and Privacy aims at creating a meeting point for researchers and practitioners that address security and privacy challenges that concern information systems, especially in organizations, including not only technological issues but also social issues. The conference welcomes papers of either practical or theoretical nature, presenting research or applications addressing all aspects of security and privacy that concerns to organizations and individuals, thus creating new research opportunities.

2. WHAT TO EXPECT

ICISSP focuses its activities on:

- Information Hiding and Anonymity
- Vulnerability Analysis and Countermeasures
- Database Security
- Content Protection and Digital Rights Management
- Software Security Assurance
- Security Architecture and Design Analysis
- Risk and Reputation Management
- Security and Trust in Pervasive Information Systems
- Legal and Regulatory Issues
- Privacy-Enhancing Models and Technologies
- Privacy In Cloud and Pervasive Computing
- Social Media Privacy
- E-Voting and Privacy
- Privacy Metrics and Control
- Malware Detection
- Vehicular Systems and Networks
- Identification and Access Control
- Mobile Systems Security
- Data Mining and Knowledge Discovery
- Web Applications and Services

Also focuses in topics that were much more close to my PhD

- Security Frameworks, Architectures and Protocols
- Cryptographic Algorithms
- Security Testing
- Phishing
- Security Professionalism and Practice
- Trust in Social Networks
- Identity and Trust Management
- Intrusion Detection and Response
- Smartcard Technology
- Authentication, Privacy and Security Models
- Threat Awareness

- Biometric Technologies and Applications
- Security Awareness and Education
- Data and Software Security

3. LEARNINGS

Also, the Doctoral Consortium took place in conjunction with the ICISSP conference and allowed me to share my experience as a PhD student with different students from different universities along the world. We shared different points of view that were related with our topics. This was an enriching experience because wasn't focused only in academic field but in personal day to day as a PhD student.

It was really valuable to see what other research groups are working on, whether be it in universities or industry.

It was very interesting to note the trend of privacy and security, taking into account aspects of human behavior and the interaction between security devices and users that I didn't had considered previously. Also was interesting learning about privacy and regulations that are interesting and important into the process of understanding and design of communication protocols. It was also important to have the possibility of knowing about new ways of thinking, different ways to afford the problems that I could use during my PhD.

Furthermore there were also a number of panel discussions centered on privacy and security, in which they share different visions about how users are becoming increasingly aware of such breaches against their personal data, and more demanding with regards to having privacy insurances before using any given service.

After the Ethics course that I attended at the University of Oslo, was really interested in one of the keynote lectures. At the keynote lecture about “Privacy, Ethics and Big Data” by Jason Hong (Carnegie Mellon University, United States) I learnt a lot about ethics and privacy applied to computer science and I think that I can apply concepts from this talk to my PhD, because I really need to understand human behavior and this talk enlightened me some important concepts about user behavior. I was lucky because during the lunch after the keynote lecture I had the opportunity of talking with Jason Hong and ask concrete questions related to my PhD topic.

Not everything was work, ICISSP conference offered great networking opportunities through the dinner organized and the different lunches, it was a great opportunity to share knowledge and personal experiences.