

## **CRISIS 2015 Program**

**Monday, 20 July 2015**

**09:00 – 09:45 Registration**

**09:45 – 10:00 Opening – Welcome**

Frederic Cuppens, Costas Lambrinoudakis, Christos Kalloniatis

**10:00 – 11:30 Session 1: Trust & Privacy Issues**

**Chair: Costas Lambrinoudakis**

Addressing Privacy and Trust Issues in Cultural Heritage Modelling

*Michalis Pavlidis, Haralambos Mouratidis, Cesar Gonzalez-Perez and Christos Kalloniatis*

An Ontology Regulating Privacy Oriented Access Controls

*Maherzia Belaazi, Hanen Boussi Rahmouni and Adel Bouhoula*

A Literature Survey and Classifications on Data Deanonimisation

*Dalal Al-Azizy, David Millard, Iraklis Symeonidis and Kieron O'hara*

**11:30-12:00 Coffee Break**

**12:00 – 13:00 CRISIS'15 Keynote talk**

**Chair: Frederic Cuppens**

European Program for Critical Infrastructure Protection. Linking Policy, Research and Implementation

*George Leventakis*

**13:30 – 15:00 Lunch**

**15:00 – 16:00 Session 2: Privacy Policies & Policy based Protocols**

**Chair: Costas Lambrinoudakis**

Improving users' trust through friendly privacy policies: an empirical study

*Oluwa Lawani, Esma Aïmeur and Kimiz Dalkir*

MPLS Policy Target Recognition Network

*Abdulrahman Al-Mutairi and Stephen Wolthusen*

**CRISIS 2015**  
**10th International Conference on Risks and Security of Internet and Systems**  
July 20-22, 2015 - Mytilene, Lesvos, Greece

**16:00 – 17:00 Session 3: Risk Management**

**Chair: Christos Kalloniatis**

Context aware intrusion response based on argumentation logic

*Tarek Bouyahia, Fabien Autrel, Nora Cuppens-Boulahia and Frédéric Cuppens*

Countermeasure selection based on the attack and service dependency graphs for security incident management

*Elena Doynikova and Igor Kotenko*

**17:15 – 18:30 Panel Session**

**Chair: Christos Kalloniatis**

*Security and Forensics Analysis Framework for Cloud-enabled Multimedia Communication System Providers (SCYPE)*

Participants: Costas Lambrinoudakis, Eleni Klaoudatou, George Leventakis, Chislaine Le Gall

**20:00 Conference Dinner**

**Tuesday, 21 July 2015**

**10:00 – 11:30 Session 4: Risk Analysis and Vulnerability Assessment**

**Chair: Costas Lambrinoudakis**

Quantitative Risk, Statistical methods and the Four Quadrants for Information Security  
*Gaute Wangen and Andrii Shalaginov*

Exploring a Controls-Based Assessment of Infrastructure Vulnerability  
*Oliver Farnan and Jason Nurse*

Quantifying security in Web ETL processes  
*Salma Dammak, Faiza Ghozzi and Faiez Gargouri*

**11:30 – 12:00 Coffee Break**

**12:00 – 14:00 Tutorial – SDN Security**

**David Espes**

**14:00 – 15:30 Lunch**

**15:30 – 17:00 Session 5: Cloud Systems & Cryptography**

**Chair: Nora Cuppens**

A Meta-model for assisting a Cloud Forensics Process  
*Stavros Simou, Christos Kalloniatis, Haralambos Mouratidis and Stefanos Gritzalis*

POR-2P: Network Coding-based POR for Data Provision-Payment System  
*Kazumasa Omote and Thao Tran Phuong*

A New Scheme of (n, n) Blockcipher based Cryptographic Hash: Single Key Scheduling  
*Rashed Mazumder, Atsuko Miyaji and Jiageng Chen*

**Wednesday, 22 July 2015**

**10:00 – 11:30 Session 6: Attacks & Security Measures**

**Chair: Christos Kalloniatis**

Security Issue of WirelessHART Based SCADA Systems  
*Lyes Bayou, David Espes, Nora Cuppens and Frédéric Cuppens*

Attack Volume Model: Geometrical Approach and Application  
*Gustavo Gonzalez, Herve Debar and Gregoire Jacob*

An intensive analysis of security and privacy browser add-ons  
*Nikolaos Tsalis, Alexios Mylonas and Dimitris Gritzalis*

**11:30 – 12:00 Coffee Break**

**12:00 – 13:00 Session 7: Attacks & Security Measures**

**Chair: Nora Cuppens**

MBotCS: A mobile Botnet detection system based on machine learning  
*Xin Meng and George Spanoudakis*

Toward Securing MANET against the Energy Depletion Attack  
*Aida Ben Chehida, Ryma Abassi and Sihem Guemara El Fatmi*

**13:00 – 13:10 CRISIS 2015 Closing**

**13:30 – 15:00 Lunch**