

DPM 2014 Preliminary Program

WEDNESDAY September 10, Morning

(Room 113)

10:00-10:15 **General Welcome**

10:15-11:15 **Keynote Talk**

Is bitcoin suitable as a research topic?

By Jordi Herrera-Joancomartí (Universitat Autònoma de Barcelona)

11:15-11:45 **Coffee Break**

11:45-13:00 **Session 1: Cryptographic solutions for privacy**

(Room 113, Chair: Joaquin Garcia-Alfaro)

11:45-12:10 **Group Discounts Compatible with Buyer Privacy.** By Josep Domingo-Ferrer (Universitat Rovira i Virgili) and Alberto Blanco-Justicia (Universitat Rovira i Virgili).

12:10-12:35 **Towards an Image Encryption Scheme with Content-Based Image Retrieval Properties** (*Short Paper*). By Bernardo Ferreira (Universidade Nova de Lisboa), Joao Rodrigues (Universidade Nova de Lisboa), Joao Leitao (Universidade Nova de Lisboa) and Henrique Domingos (Universidade Nova de Lisboa).

12:35-13:00 **The crypto-democracy and the Trustworthy** (*Position Paper*). By Sebastien Gambs (Universite de Rennes I), Samuel Ranellucci (Universite de Montreal) and Alain Tapp (Universite de Montreal).

WEDNESDAY September 10, Afternoon

13:00-14:30 **Lunch**

14:30-16:10 **Session 2: Emerging challenges**

(Room 113, Chair: Jordi Castellà-Roca)

14:30-14:55 **Configuration Behavior of Restrictive Default Privacy Settings on Social Network Sites.** By Markus Tschersich (Goethe-University Frankfurt).

14:55-15:20 **Towards Inherent Privacy Awareness in Workflows.** By Maria Koukovini (National Technical University of Athens), Eugenia Papagiannakopoulou (National Technical University of Athens), Georgios Lioudakis (National Technical University of Athens) and Nikolaos Dellas (SingularLogic) Dimitra I. Kaklamani

(National Technical University of Athens) and Iakovos S. Venieris (National Technical University of Athens).

15:20-15:45 **Index Optimization for L-Diversified Database-as-a-Service.** By Jens Kohler (Karlsruhe Institute of Technology) and Hannes Hartenstein (Karlsruhe Institute of Technology).

15:45-16:10 **A-PPL: An Accountability Policy Language for Cloud Computing** (*Short Paper*). By Monir Azraoui (EURECOM), Kaoutar Elkhyaoui (EURECOM), Melek Onen (EURECOM), Karin Bernsmed (SINTEF), Anderson Santana De Oliveira and Jakub Sendor (SAP Labs).

16:10-16:40 **Coffee Break**

16:40-18:30 **Session 3: Privacy-Preserving, Protocols & Applications**

(Room: 113, Chair: Jordi Herrera-Joancomartí)

16:40-17:10 **Privacy-preserving Loyalty Programs.** By Alberto Blanco-Justicia (Universitat Rovira i Virgili) and Josep Domingo-Ferrer (Universitat Rovira i Virgili).

17:10-17:40 **Secure Improved Cloud-Based RFID Authentication Protocol.** By Sarah Abughazalah (Royal Holloway), Konstantinos Markantonakis (Royal Holloway) and Keith Mayes (Royal Holloway).

17:40-18:05 **Privacy-Preserving Electronic Toll System with Dynamic Pricing for Low Emission Zones** (*Short Paper*). By Roger Jardi-Cedo (Universitat Rovira i Virgili), Jordi Castella-Roca (Universitat Rovira i Virgili) and Alexandre Viejo (Universitat Rovira i Virgili).

18:05-18:30 **Association Rule Mining on Fragmented Database** (*Short Paper*). By Amel Hamzaoui (Qatar University), Qutaibah Malluhi (Qatar University), Riley Ryan (Qatar University) and Clifton Chris (Purdue University).

18:30-18:45 **Farewell & Dinner Indications**