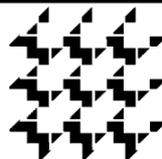


**DIMACS**

Center for Discrete Mathematics & Theoretical Computer Science  
Founded as a National Science Foundation Science and  
Technology Center



CLOUD  
ACCOUNTABILITY  
PROJECT

**CSAIE** cloud  
security  
IRELAND alliance<sup>SM</sup>

**CSA** cloud  
security  
UNITED KINGDOM alliance<sup>SM</sup>



BUILDING International Cooperation for Trustworthy ICT



# International Workshop on Trustworthiness, Accountability and Forensics in the Cloud (TAFC 2013)

# Agenda – 6<sup>th</sup> June 2013

## **8:45 - 9:00 Welcome and Overview**

Jim Clarke, Waterford Institute of Technology and Rebecca Wright, Rutgers University

9:00 - 9:45 International Research Issues in Cloud Security and NSF.

Sam Weber, National Science Foundation

9:45 - 10:30 Keynote talk: Accountability for Privacy in Cloud Computing: Is This a New Problem, Colin Bennett, University of Victoria

10:30 - 11:00 Coffee break

## **11:00 - 12:30 SESSION 1. ACCOUNTABILITY**

11:00 - 11:15 Crime and Punishment in the Cloud: Accountability, Transparency, and Privacy, Stefan Berthold, Simone Fischer-Hübner, Leonardo Martucci, and Tobais Pulls, Karlstad University

11:15 - 11:30 Accountability, Deterrence, and Identifiability

Joan Feigenbaum, Yale, Aaron Jaggard, US Naval Research Laboratory, and Rebecca Wright, Rutgers University

11:30 - 11:45 A Conceptual Framework for Accountability , Siani Pearson, HP Labs

11:45 - 12:00 Perspectives on Accountability, Nick Papanikolaou, HP Labs

12:00 - 12:30 Panel Discussion (all session speakers). Moderator: Rebecca Wright

# Agenda – 6<sup>th</sup> June 2013

## **14:00 - 15:45 SESSION 2. FORENSICS, EVIDENCE, AND ACCOUNTABILITY**

14:00 - 14:30 Forensics as a Service

Keyun Ruan, University College Dublin

14:30 - 14:45 Evidence for Accountable Cloud Computing Services

Thomas Rübsamen, Hochschule Furtwangen University

14:45 - 15:00 Forensic Investigations in Cyberspace: what about big data?

Katrin Franke, Gjøvik University College

15:00 - 15:15 Forensics in the SoNIC project on Precise Realtime Software Access and Control of Wired Networks, Hakim Weatherspoon, Cornell University

15:15 - 15:45 Panel Discussion (all session speakers). Moderator: Siani Pearson

15:45 - 16:15 Coffee Break

## **16:15 - 17:45 SESSION 3. TRUST AND CLOUD SECURITY**

16:15 - 16:30 Standardization and International Convergence Issues in Cloud Security

Aljosa Pasic, Atos. Certification

16:30 - 16:45 Anonymous yet Authentic: Secure Multiparty Computation in the Two-Tier Trust Model, Aggelos Kiayias, University of Connecticut and University of Athens

16:45 - 17:00 Privacy & Security of Mobile Cloud Computing

Manmohan Chaturvedi, Ansal University

17:00 - 17:15 Trusted Clouds

Mike Burmester, Florida State University

17:15 - 17:30 Data Protection and Accounting with Trusted Storage

Anjo Vahldiek, Eslam Elnikety, Aastha Mehta, Deepak Garg, and Peter Druschel,  
Max Planck Institute for Software Systems

17:30 - 17:45 Panel Discussion (all session speakers) Moderator: Sam Weber.

# Agenda – 7<sup>th</sup> June 2013

## **9:00 - 10:30 SESSION 4. POLICY, ETHICS, AND INTERNATIONAL COLLABORATION**

9:00 - 9:30 Privacy, Ethics, and Accountability

Lenore Zuck, University of Illinois at Chicago

9:30 - 10:00 Trustworthy Host Platforms For Accelerated Research And Education: Strategic Cyber Threat Reduction Through International Research Cooperation, John Mallery, MIT

10:00 - 10:30 Strategy for Coordination of the Cross Domain Activities & Multi-Lateral Approach in International Cooperation, Abhishek Sharma, Beyond Evolution TechSolutions (and BIC International Advisory Group) and Andrew Hutchison, T - Systems, South Africa; & Adj. Professor, University of Cape Town.

10:30 - 11:00 Coffee Break

## **11:00 - 12:15 SESSION 5. TRUST AND INTERNATIONAL COLLABORATION**

11:00 - 11:15 Can You Trust It? Digital content in the Cloud

Cian Kinsella, Digiprove

11:15 - 11:30 Trust Management in Emerging Countries: International Cooperation Research Challenges for Horizon 2020

Marijke Coetzee, University of Johannesburg, South Africa

11:45 - 12:15 Panel Discussion (all Friday session speakers). Moderator: Rebecca Wright

12:15 - 12:45 Next steps and Wrap-up, Lenore Zuck and Sam Weber and all session rapporteurs.

**13:00 Lunch and conclusion of Workshop.**