

Foundations of Trust in the Future Internet

FIA Valencia
Thursday 15th April 2010
11.30 AM

FIA Trust and Identity Caretakers
Jim Clarke (WIT), Volkmar Lotz (SAP),
Nick Wainwright (HP), Michel Riguidel (ENST)

Foundations of Trust in the Future Internet

Session objective

- To explore the human and technical foundations of trust in the Future Internet with the intent of developing a roadmap for future cross domain research.
- The session will address the very real question of how we ensure that end users can have sufficient confidence and trust in the infrastructure and services of the future internet to readily participate in a *digital life* and *digital society*.

FIA Stockholm

- 4th workshop in the series aiming to establish consolidated view on trust, identity and security for the FI
 - position papers, scenarios, initial roadmap → FIA wiki
 - across domains and layers, more than “just” technical solutions
- Priv. enhancing ID across the layers
 - good example of cross FIA cluster collaboration
 - followed up after FIA Stockholm: interim workshop 3rd March 2010 http://security.future-internet.eu/index.php/FIA_Valencia
 - Results presented during Architecture session 2 at FIA Valencia
- Measuring Trust ...
 - interdisciplinary work:
 - experimental economics
 - adopt ideas from other disciplines: “security weather forecasting”
 - establish a research field on metrology

Agenda

- **11.40 Security Challenges for the Future Internet,**
Prof. Evangelos Markatos, FORTH and Univ. of Crete, <http://www.ics.forth.gr>
- **12.00 Provenance in the Future Internet,**
Dr. Jose Manuel Gomez-Perez, R&D Director, iSOCO, www.iscoco.com
- **12.20 Economics of Trust and Security,**
Dr Simon Shiu, System Security Lab, HP Labs
http://www.hpl.hp.com/research/systems_security/
- **12.40 Legal frameworks for Trust in the Future Internet**
Mireille Hildebrandt, Associate Professor and Senior Researcher at Vrije Universiteit Brussel and Erasmus University Rotterdam http://works.bepress.com/mireille_hildebrandt/
- **1.00 Panel Discussion, *Building Trust into the Future Internet* (speakers).**
- 1.30 Session close.