

Trust & Security Newsletter

October 2010

The newsletter about Trust & Security in the Information Society

http://cordis.europa.eu/fp7/ict/security/home_en.html



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Trust and Security at the ICT2010

On 27-29 September, the Expo in Brussels featured the world's largest ICT Research event: the ICT2010. Covering all areas within the field of ICT research, there was a strong presence of the EU Trust & Security community.

On the first day, the session on Trusted e-services for the citizen was very well received ([link](#)). The speakers (Mireille Hildebrandt, Fabio Massacci, Reinhard Posch and Ksheerabdi Krishna) each presented their views on the topic, defining the problems of trust and identity management in e-services and proposing solutions, thereby sparking a lively debate led by the Chairman Sophia in 't Veld (Member of European Parliament).

Unit F5's Head of Unit Jesús Villasante presented ([link](#)) the upcoming call on Trustworthy ICT (objective 1.4, call 8). He stressed that the European Commission is keen on working with the Trust & Security constituency to make it a strong area of competence. He shared his views on the road ahead, profiling Trust and Security as a research topic that has a major role to play in the Framework Programmes, the Digital Agenda for Europe and the Future Internet PPP alike.

The event also featured a number of highly interesting exhibitions of research projects in the field of Trust and Security (i.e. TAS3, PrimeLife, MICIE, ActiBio and Picos). Another part of the ICT2010 event focussed on networking. In the field of Trust and Security, the following networking sessions were organised:

- Long Term International Cooperation in ICT Trust and Security ([link](#))
- Effective clustering in ICT Trust and Security ([link](#))
- Networked Multimedia Technologies with Security and Privacy Aspects ([link](#))
- Trustworthy Critical Infrastructure Systems ([link](#))
- Identity management throughout life – solutions, trends, side effects ([link](#))
- BIG DATA, LITTLE PRIVACY?: Data Mining Meets Society! ([link](#))

The main conclusion for the Trust and Security community to be drawn from the conference was that there is a lot of work to be done in the (near) future in order to secure a trustworthy information society. The European Commission strongly encourages the stakeholders to actively contribute to this.

F5 new staff

Mario Scillia and Martin Muehleck have joined the F5 Trust and Security team in September. Mario, a Belgian national, previously worked at the IT Directorate of the European Parliament. He was the head of the department Engineering/Architecture of Networks and Systems, dealing among others things with Internet infrastructures and network security systems. Martin (German) came over from the EC's Information Society and Media Directorate-General unit dealing with Cultural Heritage and Technology Enhanced Learning where he

INFSO-F5 Scientific Staff

listed with e-mail

Jesús Villasante

jesus.villasante at ec.europa.eu
Head of Unit

Gustav Kalbe

gustav.kalbe at ec.europa.eu
Deputy Head of Unit

María Concepción Antón García

maria-concepcion.anton-garcia at ec.europa.eu

Valeria Bricola

valeria.bricola at ec.europa.eu

Manuel Carvalhosa

manuel.carvalhosa at ec.europa.eu

Martin Muehleck

martin.muehleck at ec.europa.eu

Oluf Nielsen

oluf.nielsen at ec.europa.eu

Cristian Olimid

cristian.olimid at ec.europa.eu

Mario Scillia

mario.scillia at ec.europa.eu

Dirk van Rooy

dirk.van-rooy at ec.europa.eu

Wout van Wijk

wout.van-wijk at ec.europa.eu

Newsletter Editors

Wout van Wijk

Gustav Kalbe

acted as a Project officer.

The full F5 Trust and Security team now consists of Jesús Villasante (Head of Unit), Gustav Kalbe (Deputy Head of Unit) and María Concepción Antón García, Valeria Bricola, Manuel Carvalhosa, Martin Muehleck, Oluf Nielsen, Cristian Olimid, Mario Scillia, Dirk van Rooy and Wout van Wijk (Project Officers).

FP7 ICT Call 8 to open in 2011

In mid-2011 - as part of the FP7 Call 8 - the European Commission will launch a call for proposals for RTD projects in the area of Trustworthy ICT. As in previous calls, this topic is addressed as Objective 1.4 of the ICT Work Programme 2011-2012.

The objective targets research challenges that a trustworthy Information Society faces when relying on an ecosystem of digital communication, data processing and service provisioning infrastructures while respecting human and societal values and cultures. Moreover, the objective envisages a significant linkage with legal, social and economic research in view of development of a techno-legal system that is usable, socially accepted and economically viable.

There are four main target outcomes:

- a) Heterogeneous networked service and computing environments;
- b) Trust, eID and Privacy management Infrastructures;
- c) Data policy, governance and socio-economic ecosystems;
- d) Networking and Coordination activities.

Further information

The ICT Work Programme 2011-11 with full details about objective 1.4 is available [here](#).

General information on how to prepare, submit and manage a project proposal is available at <http://cordis.europa.eu/fp7/ict/participating/>.

Future Internet PPP

As part of the recovery package, the Future Internet Public Private Partnership (FI-PPP) was launched. The FI-PPP aims to advance Europe's competitiveness in Future Internet technologies and systems and to support the emergence of Future Internet-enhanced applications of public and social relevance. Call 1 (of three) of the FI-PPP has been opened on 20 July and will close on 2 December.

We welcome proposals for projects under the following objectives of the 2011 Work Programme:

- 1.7 - Technology Foundation (one IP, 41 MEuro, 3 years, 30% flexible);
- 1.8 - Use Case Scenarios (7-8 areas, IP, 5 MEuro, 2 years);
- 1.9 - Capacity Building (one CSA, 3 MEuro, 3 years);
- 1.10 - Programme support (one CSA, 6 MEuro, 5 years).

The FI-PPP presents a unique opportunity for the Trust and Security community to engage an industry-driven, holistic approach encompassing R&D in all areas of ICT. Projects under the FI-PPP are required to draw upon results achieved through earlier EU funded research and to build on them further through a systematic integration within a complete ecosystem.

For more information on the FI-PPP, please visit: http://ec.europa.eu/information_society/activities/foi/lead/fipp/in dex_en.htm or contact **Wout van Wijk**.

Clustering of Trust and Security projects: effectsplus

The ICT 2010 Conference provided a good opportunity for the first activity of the recently started FP7 Coordination & Support Action project *effectsplus* www.effectsplus.eu.

effectsplus aims to provide, by means of theme-based clustering of projects working on similar or related topics, a coordination forum among existing and future research projects in the areas of trust, security, privacy and compliance in the information society and the future internet.

effectsplus' five key objectives include:

This e-newsletter is a supplement to the website for the domain of Trust and Security within the EU's 7th Research Framework programme (FP7), Theme "Information and Communication Technologies" (ICT). Through the FP7-ICT Theme, Unit F5 "Security" in DG Information Society and Media continues its efforts to support the development of knowledge and technologies that manage and control complex and interdependent systems, in order to secure modern information systems and networks and to build resilience in the Information Society infrastructures.

Our activities cover research and its relationship with policy developments in trust and security in a number of areas, i.e. network security and security of digital assets, applications and services, fighting against cyber crime, cryptography, trusted computing, identity and privacy management, authentication, multi-modal biometrics and support of standardisation and interoperability. Here you will find snapshots of our activities at regular intervals. More details are available on our Website, including a list of events.

Feedback

All comments are welcome. Please send your comments to the editors.

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- The Clustering of Trust and Security (T&S) projects;
- The coordination of Trust and Security, Privacy, and Compliance for Future Internet through the structures and activities of the Future Internet Assembly (FIA) or subsequent initiatives;
- The provision of a channel for feedback and dissemination of R&D results and issues, and bringing together challenges for the strategic research agenda;
- To analyse results from current and earlier trust and security work, and to identify key areas and key players from new projects (Call 5) for the preparation of clustering and roadmapping activity;
- To build and support the community of interests in trust and security results.

The expected outcome is increased efficiency and effectiveness of the projects' work, as well as input for future research road mapping in the field.

The networking session organised during ICT 2010 provided an early opportunity for *effectsplus* to introduce itself to the wider R&D community, as well as for the relevant projects to present their work to their peers. For an overview of the discussion, please see http://ec.europa.eu/information_society/events/cf/ict2010/item-display.cfm?id=3328.

Call for chapters for the 2011 FIA book

Spring 2011 will see the seventh FIA in Budapest. As with prior Spring FIAs, a book will be published that aggregates both the results achieved so far within FIA, and the possibilities of what we can expect in the short term. In this sense the scope of the text is broad rather than focusing on single technical or socio-economic topics.

The previous FIA books are:

- Towards the Future Internet: A European Research Perspective (2009);
- Towards the Future Internet: Emerging Trends from European Research (2010).

The 2011 book will be published by Springer on 15th May 2011. It will consist of three sections: Future Internet Foundations, Future Internet Areas and Future Internet Application.

In the first section, a full chapter will be dedicated to Trust and Identity.

A call for chapters has been launched. More information can be found on the FIA website http://services.future-internet.eu/index.php?title=FIA_Book_3

Recommended reading: "Freedom in Europe, securing our technological future"

The latest publication in the series of *ICT Results*, titled "Freedom in Europe, securing our technological future" gives an overview of how information and communication technology (ICT) is vital for our security. As an endorsement of the work done by the Trust and Security research community and how it contributes to the wider context of a secure and trustworthy society, the publication includes examples taken from FP7 projects in the field of Trust and Security and puts them in a wider policy context. The publication can be found at http://cordis.europa.eu/fp7/ict/security/docs/ict-results_en.pdf.

News from running projects / studies

- IPv6 and Security study

The study report on *IPv6 security models and dual-stack (IPv6/IPv4) implications* was published on 5 July. The scope of the study is to provide an analysis and evaluation of emerging and existing private and business user scenarios regarding new security models and architectures made possible by the use of IPv6 or in the face of IPv6-IPv4 coexistence as well as IPv6 security vulnerabilities, advantages and shortcomings. See also the [white paper](#).

- The cloud: understanding the security, privacy and trust aspects

The European Commission hosted on 10 September a workshop organised by a study team led by RAND Europe with time.lex and the International Digital Lab of the University of Warwick, on the theme *The cloud: understanding the security, privacy and trust aspects*. RAND Europe is currently coordinating a study commissioned by the DG Information Society and Media to identify and evaluate how challenges in respect of the privacy, security and trust issues are overcome in various implementation of cloud computing.

The purpose of the workshop was to bring together representatives from the industry, government, academia and institutions to discuss through interactive sessions the intermediate results of the study, including technical and legal issues related to privacy, security and trust.

The finalisation of the study is expected for the end of November.

Future Events

Biometrics 2010

19-20 October 2010

London, UK

Delegates will learn from over 45 topical presentations reviewing current and future use of biometric technology in government and commercial applications.

<http://www.biometrics2010.com>

International Meeting on Information Security (ENISE)

26-28 October 2010

León, Spain

The meeting will focus on New Frontiers in Cybersecurity by, on one hand, expanding the concept of "cybersecurity" and its place within a broader vision of security that includes all the aspects that a global view of security requires and, on the other hand, the diversification of threats which compromise the security of all people and organizations, both public and private.

<http://enise.inteco.es/en>

The European Data Protection and Privacy Conference

30 November 2010

Brussels, Belgium

The Commission has launched a review of the existing data protection directive; the proposal of the new Directive is expected in the second half of 2011. The European Data Protection and Privacy Conference will bring together Europe's leading data protection and privacy experts and policymakers for interactive discussions on the way forward to create a modern and harmonised regulatory framework. It will include plenary sessions: "Harmonising and simplifying the legislative maze", "Data Breach Notification – time for mandatory notification requirements?", "Avoiding the security pit-falls" and "Defining the boundaries – when should data be classed as 'personal'?". Key note speeches will be given by Mrs Viviana Reding and Mr Jacob Kohnstamm.

<http://www.dataprotection2010.eu>

2nd Annual European E-Commerce Conference 2010

2 December 2010

Brussels, Belgium

The conference will focus on the most pertinent issues for the e-Commerce industry including consumer trust, e-payment solutions, the logistics behind e-business, multi-channel sales, digital content and m-commerce.

The sessions will deal with the opportunities offered by e-commerce in Europe and outside (it is estimated that online retail will grow from €68 billion in 2009 to €114 billion by 2014), but also with the threats linked with consumers' trust and different legislation in place.

Mr Vincent Van Quickenborne, Belgian Minister of Economy and Reform, and Mr Niklas Savander, Nokia Executive Vice President Markets, will be keynote speakers.

http://www.eu-ems.com/summary.asp?event_id=56&page_id=350

Future Internet Assembly Ghent

13-17 December 2010

Ghent, Belgium

FIA Ghent will be part of the Future Internet Conference Week, a series of events concerning different aspects of the Future Internet. It is organised by communities reaching out to different but related audiences that share

common goals. With these events back-to-back, the participants benefit from the ideas from the different parts. This series of events will create an unprecedented synergy between the 2500 professionals from all over Europe.
<http://fi-ghent.fi-week.eu/>

ICT Trust and Security Research in FP7:

http://cordis.europa.eu/fp7/ict/security/home_en.html

Europe's Information Society thematic portal:

http://ec.europa.eu/information_society/newsroom/cf/news.cfm?redirection=1&item_type=news