



**FP-ICT 216867: International Co-operation
in Trustworthy, Secure and Dependable
ICT infrastructures.**

Newsletter number 1

January 2008

Dear Colleagues,

As you may be aware, INCO-TRUST is a new Coordination Action under the 7th Framework Programme for R&D that was just launched in the area of stimulating, promoting and coordinating international cooperation in ICT research on trust, security and dependability. The action will last 30 months and involves the following partners: Waterford Institute of Technology, Technische Universität Darmstadt, ATOS ORIGIN and Ecole Nationale Supérieure des Télécommunications.

As the Project Coordinator of INCO-TRUST, I'd like to take this opportunity to bring you up to date with an initial newsletter on all the recent INCO-TRUST news to date so we can get off to a flying start in the New Year. The first newsletter will have the following topics:

The background for INCO-TRUST
INCO-TRUST as a Platform for International Collaboration and consensus building
INCO-TRUST and the design of future research programmes
Building and Supporting the INCO-TRUST Community

If you would like to see any additional topics for future newsletters, please let us know. Or if you have more general comments regarding our newsletter, its merits/frequency/audience/etc. please contact us.

Best wishes,

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INCO-TRUST Project Coordinator

The background for INCO-TRUST In November 2006 and April 2007, two workshops were held, mainly with EU and US Researchers engaged within ICT Trust, Security and Dependability (TSD), also with participation from Australian, Japanese and Canadian colleagues. The Workshops were highly successful in their mission of identifying and scoping research areas that require and will benefit from international collaboration between EU researchers and those within other industrialised nations.

The Workshop reports for these events can be found at the following sites:

Workshop 1, November 2006:

http://www.securitytaskforce.org/images/stories/eu_us_cyber_summit_report.pdf

Workshop 2, April 2007:

ftp://ftp.cordis.europa.eu/pub/fp7/ict/docs/security/20070426-27-joint-eu-us-cyber-summit-illinois_en.pdf

Following the success of these events, a Coordination Action (CA) proposal *International Co-operation in Trustworthy, Secure and Dependable ICT infrastructures* (INCO-TRUST) was submitted to the first call of EU ICT Framework Programme 7 on secure, dependable and trusted ICT global infrastructures and partnerships.

INCO-TRUST was one of four CA projects selected for funding from Call 1. Further information on the other selected projects can be found at <http://cordis.europa.eu/fp7/ict/security/>. The project started on 1st January, 2008 and will run for a period of 30 months.

INCO-TRUST is structured to carry out the following main activities:

INCO-TRUST as a Platform for International Collaboration and consensus building

INCO-TRUST will establish a core platform to facilitate productive collaboration and partnerships between researchers from the participating countries. Its goal will be to co-ordinate the multiple research efforts underway in the areas of cyber trust, security and dependability. This includes continuing and extending the already strong collaborations made between the EU and the US researchers recently and widening the collaboration to include researchers in Australia, Japan, Canada and South Korea. The project will support the scoping and establishment of Working Groups comprised of experts focused on prioritising ICT TSD topics requiring mutual and beneficial international cooperation. As a starting point, based upon the outcomes of the first two workshops, working groups will be established to cover three levels:

WG1 – Infrastructures level: it is envisaged this WG will focus particularly on the security of the large systems, not only of the networks, and taking into account of the interdependencies. This includes security of the current Internet and the design of the security of the future Internet, security of networks and wireless systems.

WG2 - Environmental level: it is envisaged this WG will focus on aspects related to the security of the applications, the services, the protection of the software property and data.

WG3 – User-based level: There are a number of user-based issues, which include the need to build mechanisms that guarantee privacy, traceability, anonymisation and use of pseudonyms of the legitimate users, while at the same enabling location, tracking and tracing of malevolent users at individual, group or organization levels. An important expected impact for the EU research programme is to address the socio-technical challenges while moving into a ubiquitous, mobile Information Society, with mixed mode environments, and continually evolving networked environments.

Transversal to each of the above Working Groups, ideas for Future TSD test-beds will be continuously reflected upon and reported by the participants.

In its first semester, the project will concentrate on building up the contacts in the participating North American and Asia-Pacific countries for the recruitment of the above mentioned working groups. The leader of this effort will be Prof. Neeraj Suri <suri@informatik.tu-darmstadt.de> of Technische Universität Darmstadt. Under his direction, the project will start by making contacts with the key stakeholders in all the project regions in order to plan project visits and exchanges. In 2008, these will include meetings in Australia during February '08, two visitations in the United States (March '08 to the NSF Cybersecurity PI event and a more comprehensive visit later in the year) and an Asian visit (Japan and South Korea) in May '08. These are the initial focus regions and the project will expand to other countries such as Canada, Taiwan, ... as appropriate.

INCO-TRUST and the design of future research programmes

The INCO-TRUST project will facilitate researchers from the EU and other Regions of the world to proceed jointly in the identification and promotion of new, shared, research directions that could constitute a useful input to the design of the new research agendas of the respective regions for the years to come and, in particular, those relating to the future FP7 calls of the EU.

The leader of this project activity will be Michel Riguidel <riguidel@enst.fr> at Ecole Nationale Supérieure des Télécommunications.

Building and Supporting the INCO-TRUST Community

INCO-TRUST will stimulate and organise Workshops (WSs) to facilitate international collaboration, identifying enablers and barriers and preparing an action plan to advance collaboration activities in TSD research. The schedule of such workshops is as follows:

- Workshop 1, Quarter 4 2008 held in the EU;
- Workshop 2, Quarter 2 2009 held in the US;
- Workshop 3, Quarter 4 2009 held in Australia or Japan;
- Workshop 4, Quarter 2 2010 held in the EU.

Aljosa Pasic <aljosa.pasic@atosresearch.eu> at ATOS ORIGIN will be leading this project activity.