Privacy, Security & Trust

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Rump Session of CRYPTO 2014

EIT ICT Labs

- **EIT ICT Labs is one of the first Knowledge and Innovation Communities set up in 2010 by the European Institute of Innovation and Technology (EIT), as an initiative of the European Union**
- ***There is an urgent need to strengthen the ICT competence in Europe***
- **EIT ICT Labs' mission is to drive European leadership in ICT innovation for economic growth and quality of life, through Co-location centers and the network of partners**
- **This is achieved by linking Education, Research & Business and by funding finalization stages of research aiming at bringing to market innovative ICT products and services, through 1-year projects**

http://www.eitictlabs.eu

Action Line for Privacy, Security & Trust (Co-location Center in Trento, Italy)

- **Mission:** Support users and businesses in protecting their digital assets and transactions, promoting robust and safe products and services that realize data privacy and security
- **Market opportunities:** Great and unexploited
- **Privacy:** Security & User's Control of sensitive data
- **Minimality principle:** Disclose sensitive data to a minimum extent
- **Misconception:** Cyber security is possible without privacy
- **Strategy:** *Address cyber security and privacy by using more secure, trustworthy, and transparent innovative technologies bridging the gaps between available techniques and practice; promote «security & privacy by design» paradigm; raise social awareness*
- **Focus 2014-2016:**
  - Privacy-aware federated ID management & strong authentication
  - Data privacy in online/mobile applications, services & communications
  - Protection against malicious software & intrusion detection/prevention on computing devices, especially on mobile platforms

EIT ICT Labs
IDEA CHALLENGE
8 topics. 8 cities. One challenge.

CYBER SECURITY AND PRIVACY

Action Line for Privacy, Security & Trust

What it is:
A business ideas contest to support early stage startups and young innovators and researchers

Who can apply:
- At least one EU28 citizen (or legal resident) per team
- Applying startups have to come from EU28

Winners will get:

1st Prize: **40 k€**
2nd Prize: **25 k€** +
3rd Prize: **15 k€**

- **Coaching and mentoring** from the EIT ICT Labs experts
- **Office space for up to 6 months** in one Co-location Center
- **Integration into pan-European partner network** and future EIT ICT Labs activities

Applications are open from 1st to 30th of September

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Action Line for Privacy, Security & Trust

CYBER SECURITY AND PRIVACY

Call:

- It is a big challenge to protect security and privacy of enormous amounts of data being collected, processed and stored in the cyber space. Lack of timely technical solutions may endanger the growth of ICT-enabled products and services and may put at risk privacy and liberty of citizens, whereas security breaches can have significant negative impact on people's lives, jobs and property. The existing gaps between currently available techniques and practice should be bridged by innovative solutions following the «privacy & security by design» paradigm.

- *Innovative applications, e.g., related to social networks, e-commerce, e-voting/polls, e-health, smart spaces, and smart energy, as well as cloud computing, big data, and Internet of things are encouraged. Special attention should be given to* **privacy-preserving/aware**: *digital identity management, user profiling, intrusion detection/prevention and protection against malicious software, especially for mobile platforms and applications.*

Action Line for Privacy, Security & Trust

CYBER SECURITY AND PRIVACY

Information to submit:
Idea description // Technology // Team // Market analysis // Financial plan // Business model // Impact of prize

Evaluation criteria:
Quality and composition of team // Quality of idea // Internationalization potential // Fit with the thematic agenda // Feasibility // Market potential // Impact of prize

http://ideachallenge.eitictlabs.eu