



CALL FOR PAPERS
Context-Awareness and Trust (EuroCAT09)

European Workshop on
Combining Context with Trust, Security, and Privacy
7 (or 8) September 2009, Pisa, Italy
<http://eurocat09.novay.nl>

Co-located with EuroPKI09 and ISC09

Important Dates

Papers : 22 June 2009 Notification: 27 July 2009 Final version: 3 September 2009

Scope

EuroCAT09, is an European event that follows the Context-Aware and Trust initiatives that have been running in the past years. EuroCAT09 will offer scientists and engineers that are active in the areas of context-awareness and of security, privacy, and trust the opportunity to sit together and to discuss the state of the art, to identify open and emerging problems, to share research experiences, and to propose future research directions.

We encourage the participation of researchers from both the academia and the industry with a background in computer science and engineering, as well as in social sciences and behavioural sciences.

Topics

Contributions, divided into three categories, should focus on combining Trust, Security, and Privacy with Context-awareness in (but not limited to) the following areas:

Opportunities

- Service personalization
- Policy languages
- Identity management
- Grid and Cloud computing
- Communication protocols
- Enhancement technologies
- Service oriented architectures

Threats

- Social impact
- Data aggregation and integration
- Context sources
- Sensor and metering networks
- User control
- Performance and scalability
- Ubiquitous computing

Application domains

- Use cases and pilots
- Usability, control, and user awareness
- Reputation and recommender systems
- Bio-inspired networks
- Formal models
- Software architectures
- Information retrieval

Motivation

Context awareness –that is the quality of being aware of the physical/virtual environment or the circumstances that characterize a a situation or an entity– can intelligently guide the success or the development of an activity. It has be integrated in the design of innovative user interfaces, as a part of ubiquitous and wearable computing, and in hybrid search engines. Context can affect a decision to trust as well as the insurance of security, and the control of privacy. For example, new threats against security, privacy, and trust go along with context-awareness. In the same time, the availability of context information also offers new opportunities to establish, to enhance, and to manage trust, privacy, and security. Moreover, the location of a user can have impact on which services or content are provided to the user, while alternatively, the user’s current role or social context can determine the degree of trust others establish towards the user. Until now the interdependencies between context-awareness on one side, and trust, privacy, and security on the other, still require to be completely studied.

Paper Submission

- Both theoretical and applied research papers are welcome. The workshop will consist of
- Full papers (≤ 12 pp): original research, case studies, and implementation experiences
 - Short papers (≤ 4 pp): original work-in-progress or properly motivated future research.

Please visit the EuroCAT09 web site to read submission conditions and guidelines.

Proceedings

Accepted papers will be published in a post-workshop CEUR-WS volume (ISSN 1613-0073), and a preprinted hardcopy version of the proceedings will be available at the workshop.

Program Committee

[Please see our web page]

Supporting Institutions

The organizers are supported by Novay and IIT-CNR.

Organizing Committee

Gabriele Lenzini Novay, The Netherlands

Marinella Petrocchi Istituto di Informatica e Telematica IIT-CNR, Italy