Context Awareness and Trust 2008 (CAT 08)
2nd International Workshop on
Combining Context with Trust, Security, and Privacy

16-17 June 2008, Trondheim, Norway

`http://cat08.telin.nl`

Co-located with IFIPTM2008, joint iTrust and PST
Conferences on Privacy, Trust Management and Security

Important Dates

Papers:	~~7th April 2008~~	19th April 2008
Notification of Acceptance:	~~30th April 2008~~	9th May 2008
Final version due:	~~23rd May 2008~~	30th May 2008

Scope

The CAT08 workshop aims to stimulate an active exchange of new ideas on interrelations between the area of context-awareness and the area of Trust, Security, and Privacy. The workshop aims to bring together scientists and engineers that are active in the area of context-awareness and in trust management, privacy and security. The workshop aims are to discuss 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 not only researchers with a computer science background, but also researchers with a more user-centric background such as social sciences, behavioural science, and so on.

Topics

Relevant topics, divided into three categories, include but are not limited to:

Context and Trust, Security, and Privacy as an opportunity	Context and Trust, Security, and Privacy as a threat	Context and Trust, Security, and Privacy as application domains
• Context-aware architectures for trust, security, and privacy	• Trust, security, and privacy of context and contextual data	• Use cases and pilots addressing context-aware trust, security, and privacy
• Enhancement of trust, security and privacy with context information	• Trust, security, and privacy in context-aware architectures	• Usefulness and usability of context-aware trust, security and privacy
• Context-aware identity management and privacy enforcement	• Trust, security, and privacy of context sources and information	• Context-aware trust, privacy & security for the Semantic Web
• Formal Aspects in Context-aware trust, security, and privacy	• User control over trust, security, and privacy aspects of context-awareness	• Context-aware trust, privacy & security for social media
• Policy languages and ontologies for context-aware trust, security, and privacy	• Performance and scalability issues for trust, security, and privacy	• Social, legal, and philosophical aspects of context-aware trust privacy & security
• Market outlook for applications and systems for context-aware trust, security, and privacy	• Context, Privacy, and Reputation	• Context-dependent reputations and recommendations

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 to 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 privacy. For example, new threats against security, privacy and trust go along with context-awareness, whilst 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 have not been sufficiently addressed. Factors contributing to investigate into their relationship include the vast expansion of sensor networks and the advancement of mobile computing, which entail new paradigms such as ubiquitous/pervasive computing, as well as ambient intelligence.

Paper Submission
Both theoretical and applied research papers are welcome. The workshop will consist of
− Full papers (≤ 12 pp): high-quality unpublished research, case studies, and implementation experiences
− Short papers (≤ 4 pp): motivated work-in-progress, ongoing and future research.
Please visit CAT08 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 available at the workshop.

We are in negotiation with the journal Computational Intelligence, An International Journal for the production of a special issue based on a selection of the best papers.

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Invited Speaker
Prof. Jakob Bardram, IT University of Copenhagen, (see, ⟨http://www.itu.dk/ bardram/pmwiki/⟩)

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Organizing Committee
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For more information please visit our web site `http://cat08.telin.nl`