



CALL FOR PAPERS

1st International Workshop on

Protection by Adaptation (PBA'05)

Miami, USA, 24-28 May 2005

<http://diuf.unifr.ch/people/kouadri/pba05/>

In conjunction with the 7th International Conference on Enterprise Information Systems
(ICEIS'05)

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Workshop Chair

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Further Information

Please contact the workshop
chair at:
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Important Dates

Submission of Full papers:
February 15th, 2005

Author notification:
March 4th, 2005

Final Camera-Ready Submission and
Registration:
March 18th, 2005

Workshop main site
<http://diuf.unifr.ch/people/kouadri/pba05/>

For most people, the term "security" refers to cryptographic algorithms, biometric authentication techniques, passwords, etc. Beyond these intuitive notions, security is rather a very broad topic and may be viewed from a variety of other perspectives, including new access control models, software architectures for security systems, and security policies specifications.

Pervasive environments are the prime field for applying security due to the high frequency of attacks and incompatibilities detected in these types of environments. This situation results from the distributed nature of pervasive environments, mobility of users and devices, services heterogeneity and the different capabilities of devices used to access these services.

The aim of this workshop is to point the research community to better consider context-based security as a new trend that may face future more subtle security attacks. We believe that the force of a good security system should not rely only on the force of security protocols but also on the way it copes with new and completely unpredictable situations or at least learn from new situations and updates its behavior accordingly. This goal can be reached by making future security solutions freely adaptive.

We look for original submissions on the following topics (but not limited to):

- Dynamic security policies
- Context-based access control (GRBAC, ...)
- Context in security
- Agile encryption
- AI in security
- Adaptive security solutions
- Middleware for context-based security systems
- Conflicting norms issues in security policies
- Flexible security architectures for pervasive applications
- Security contexts discovery, retrieval, representation and modeling
- Modeling users' security profiles
- Metrics for evaluating pervasive computing security infrastructures
- Testing of adaptive security systems
- Software architectures for adaptive security (design patterns, etc)
- Adaptive security levels in heterogeneous environments
- Enforcing applications security semantics
- Metrics for predicting security threats

SUBMISSION OF PAPERS

Prospective authors are invited to submit papers for oral presentation in any of the areas listed above. Only full papers in English will be accepted, and the length of the paper should not exceed 10 pages (5000 words). Instructions for preparing the manuscript (in Word and Latex format) are available at the ICEIS web site. Postscript/RTF versions of the manuscript should be submitted thru [ICEIS web-based paper submission procedure](#).

FORMAT OF THE WORKSHOP

The workshop will consist of oral presentations. The proceedings of the workshop will be published in the form of a book by ICEIS with ISBN.