



**Call for Papers First International Workshop on Agent Technology and
Autonomic Computing (ATAC'2006)
Erfurt, Germany, 18-21 September 2006
<http://www.netobjectdays.org>**

Aims and scope

Agent technology is one of the most prominent and attractive technologies in computer science at the beginning of the new millenium. It is not only a promising technology, but it is also emerging as a new way of thinking : a conceptual paradigm for analyzing problems and for designing systems, for dealing with complexity, distribution, and interactivity while providing a new perspective on computing and intelligence. Recently, an interest has been witnessed in computing community to autonomic computing. Inspired by the functioning of the human nervous systems, autonomic computing is to design and build computing systems that posses inherent self-managing capabilities. While autonomic computing is a quite new revolutionary move to the discipline of computing and so far a holistic solution has not yet appeared, we think that agent technology is already available for being integrated into the framework of autonomic computing. We look primarily in this workshop for ideas that foster the link between agent technology and autonomic computing. Theoretical as well as practical aspects are welcome. The organisers welcome participation and contributions from those working or interested in the intersection of agent technology and autonomic computing.

TOPICS OF INTEREST

The topics of interest for ATAC'06 include, but are not limited to:

- Agents for autonomic systems
- Agents in self-healing
- Agents in self-optimization
- Agents in self-cofiguration
- Agents in self-protection
- Agent computing versus autonomic computing
- Applications domains of agent technology and autonomic computing

SUBMISSION PROCEDURE and FORMATTING GUIDELINES

Authors should submit their contributions electronically in PDF format to Walid.Chainbi@lycos.com by the deadline given below in the list of important dates. The contributions should be named as contact-author-surname.pdf (example: gregory.pdf). Papers should be written in english with a maximum of 12 pages. Accepted papers will be published in a workshop note and distributed among participants during the workshop. Depending on the quality of contributions, we are planning to publish a post-proceedings of the papers either as a book or a aspecial issue of an international journal.

Workshop Chair

Dr. Walid Chainbi

ENIS

Département d'informatique et de mathématiques appliquées

B.P.W. -3038- Sfax - TUNISIA

E-mail: Walid.Chainbi@lycos.com

Program Committee

Walt Truskowski, NASA Goaddard Space Flight Center (USA)

Walid Chainbi, Ecole Nationale des Ingénieurs de Sfax (Tunisia)

Rainer Unland, University of Duisburg-Essen (Germany)

Cherif Branki, University of Paisley (UK)

Hans Czap, University of Trier (Germany)

Cosimo Anglano, University del Piemonte Orientale (Italy)

David Chess, Thomas J. Watson Research Center, IBM Research Division (USA)

Roy Sterritt, University of Ulster at Jordanstown (Northern Ireland)

Manish Parashar, The State University of New Jersey (USA)

Important dates

- May, 28, submission due.
- June, 15, Notification of acceptance.
- July, 15, camera-ready due.