

Call for Papers Workshop on *Technologies for Situated and Autonomic Communications*

Co-located with **BIONETICS 2007**

www.bionetics.org

Budapest, Hungary, December 10-12, 2007

Technically co-sponsored by **IEEE COMSOC** and **IEEE CIS**
In co-operation with **ACM**



2nd International Conference on Bio-Inspired Models of Network, Information, and Computing Systems

Workshop Chairs:

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- Peter Deussen
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- Stephan Steglich
- Tanja Zseby

Important Dates

Full Paper Due:
September 16, 2007

Notification of Acceptance:
September 30, 2007

Camera-ready Manuscript Due:
October 16, 2007

Regular papers up to 6 pages.

Short papers up to 3 pages.

For further Information including Author's guidelines, please refer to <http://www.bionetics.org/>

The goal of the “**Situated and Autonomic Communications (SAC)**” Initiative¹ is to promote research in the area of new paradigms for communication/networking systems that can be characterised as situated (i.e. reacting locally on environment and context changes), autonomously controlled, self-organising, radically distributed, technology independent and scale-free.

A number of related research projects have been started since 2006. This workshop aims at bringing together researchers and scientists working on such topics, fostering cross-collaboration links among the SAC project and other related initiatives in the area.

The Workshop will be one day soliciting contributions focusing on emerging research directions, specific topics and interdisciplinary themes in the field of **Situated and Autonomic Communications (SAC)**. The workshop targets papers presenting significant scientific contributions on SAC-related topics, as well as papers reporting experimental results and field trials on SAC systems deployment. Authors are invited to submit complete unpublished papers, which are not under review in any other conference or journal in the following, but not limited topic areas.

- Self-organising communication networks and services
- Strategic needs of social or commercial impact on future communication paradigms
- Security in autonomic and distributed computing environments
- Overall stability and resilience of the network and services
- Positive interactions of new communication paradigms on human and social aspects, in relation to ambient intelligence and future sensorized societies.

Papers should be submitted by September 16th via email to the workshop chair or as indicated on the conference's website.

The workshop will be co-located at the BIONETICS main conference. Workshop proceedings will be published in the BIONETICS proceedings as an IEEE publication, and workshop papers will be listed on the IEEE Xplore and IEEE digital library.

¹ See <http://cordis.europa.eu/ist/fet/comms.htm>