

International Workshop on Agents and Autonomic Computing and Grid Enabled Virtual Organizations (AAC-GEVO'2004)

<http://grid.hust.edu.cn/gcc2004/download/aac-gevo04-cfp.pdf>

At the 3rd International Conference on Grid and Cooperative Computing
(GCC'2004) Wuhan, China, 21-24 October 2004

<http://grid.hust.edu.cn/gcc2004/gcc2004.htm>

1. Topics

This workshop aims to provide a timely forum to look at the state of the art and particularly the intersections between agents and autonomic computing for grid enabled virtual collaborative organizations. Topics of interest include, but are not limited to:

(1) Agents

- Multi-agent problem solving process and architectures
- Agent based negotiation and collaboration
- Emergent properties of large/complex systems
- Agent networks
- Agent based architectures for autonomic systems
- Agent oriented software engineering
- Agent-based coordination, management & integration
- Agent based grids and services

(2) Autonomic computing

- Fundamentals and principles of autonomic systems (self-governance, self-management, self-organization, self-configuration, self-adaptation, self-optimization, self-correction, self-healing, self-protection, etc.)
- Architectures of autonomic systems
- Autonomic Internet/Grid /network systems
- Autonomic server and storage systems
- Autonomic web systems, web service management
- Autonomic faults management systems
- Autonomic grids and services

(3) Grid enabled virtual collaborative organizations

- Grid service discovery, composition and orchestration
- Grid middleware, resource reservation and scheduling
- Virtual organizations
- Collaborative computing
- e-commerce and e-business
- e-science, e-learning, e-healthcare
- e-government and e-service

2. Important Dates

21 May 2004	Submission Due
07 June 2004	Notification
30 June 2004	Camera-Ready Paper Due

3. Submission and Publication

Please submit full-length manuscripts via e-mail to < h.tianfield @ gcal.ac.uk.antispam > with the workshop's acronym in the e-mail subject. Manuscripts will be peer-reviewed by at least three IPC members for technical relevance and quality. Accepted papers will be published by the main conference in its proceedings with the LNCS Series.

4. Workshop Chairs

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5. International Program Committee

Stanislaw Ambroszkiewicz, Poland	Evan Magill, UK
David Benyon, UK	Julian Newman, UK
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