

Call for Papers

Special issue of Multiagent and Grid Systems – An International Journal

Special issue on: Enabling Adaptive Collaboration: Technologies, Processes and Infrastructures

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Collaboration has been a main focus of computer scientists and engineers for more than three decades under various headings such as Computer Supported Collaborative Work (CSCW), Collaborative Design, and Concurrent Engineering (CE) among others. The primary objective of all these efforts is centered on building tools to enable people – often geographically distributed, to work together towards a common goal. While the advent of the Web and Broadband networks has greatly improved the ease with which collaboration could be accomplished, it still remains primarily tool centric and the process remains brittle. This CFP is intended to collect together work in this area that goes beyond the tool-centric and workflow-centric research and lead to spontaneous and opportunistic collaboration where the process continuously adapts to the environment. This work may fall into the intersection of Distributed

and Grid Computing, Web Services, and Artificial Intelligence, especially also Agent Technology. The following is a partial list of relevant topics:

1. Awareness Models for collaboration
2. Collaboration through mixed-initiative with flexible man/machine boundary
3. Private and Public Work spaces
4. Adaptive collaboration through learning
5. Multiagent Collaboration
6. Grid Computing and Collaboration
7. Collaboration using Blackboard Systems
8. Aura Systems

Deadline for submission: 1 September 2005.

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