

## 5<sup>th</sup> International Multi-Conference-Crossing Workshop Series on

# "AUTONOMOUS COMPUTING & AGENTS FOR PROCESS AUTOMATION"

<http://www.aba-rd.org/>



*Las Vegas  
June 21-24*



*Hawaii  
October 10-12*



*Melbourne  
September 14-16*

### CALL FOR PAPERS:

Autonomous computing and particularly agent technology can help us to process heterogeneous information, knowledge, manufacturing data, and business transactions in an automatic, flexible, intelligent, and efficient way. The goals of this International Workshop Series are to gather academic and industrial researchers to exchange new ideas and experiences, to initialize new contacts or to strengthen existing collaborations. We hope to create a dynamic forum and effective connections among researchers, developers, and users in this field. We welcome papers on *architectures, protocols, algorithms, design, evaluation, implementation techniques, and applications of autonomous processing and agent-based systems* for the following tracks:

- **Track A:** "*Autonomous Computing for Information & Knowledge Processing*", at the *Conference on Information and Knowledge Engineering*, June 21-24, Las Vegas, USA.
- **Track B:** "*Intelligent Processing for Business Automation*", at the *International Conference on Artificial Intelligence*, June 21-24, Las Vegas, USA.
- **Track C:** "*Distributed & Parallel Computing for Autonomous Processing*" at the *International Conference on Parallel and Distributed Processing Techniques and Applications*, June 21-24, Las Vegas, USA.
- **Track D:** "*Autonomous Processing for Web-based Services*", at the *International Conference on Internet Computing*, June 21-24, Las Vegas, USA.
- **Track E:** "*Autonomous Computing for Business and Engineering Systems*" at the *8th International Conference on Knowledge-Based Intelligent Information & Engineering Systems*, September 14-16, 2005, Melbourne, Australia.
- **Track G:** "*Agent-based Systems for Autonomous Processing*", at the *IEEE International Conference on Systems, Man and Cybernetics*, October 10-12, Hawaii, USA.
- **Track-X: Products/Software DEMO** (accompanies all other tracks)
- **Track-Y: PANEL Discussions** (accompanies all other tracks)

### SUBMISSION:

You are invited to submit draft papers in IEEE-format of a maximum of 12 pages. The length of the Camera-Ready version of accepted papers will be limited to 7, for presentations, 4, for posters, and 2, for reports, pages. Please submit your papers via our submission web page at <http://www.aba-rd.org/> or to the contact email.

### PUBLICATION:

Accepted papers will be published in the corresponding Conference Proceedings by CSREA Press and in LNAI of Springer. After that we also plan to publish the revised versions of papers of all tracks in a book.

### IMPORTANT DATES:

**Paper Submission: March 10, 2005**  
**Acceptance Notice: March 31, 2005**  
**Camera Ready: April 15, 2005**

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