

International Journal of

Autonomic Computing

Editor-in-Chief:
Dr. M.A.Dorgham

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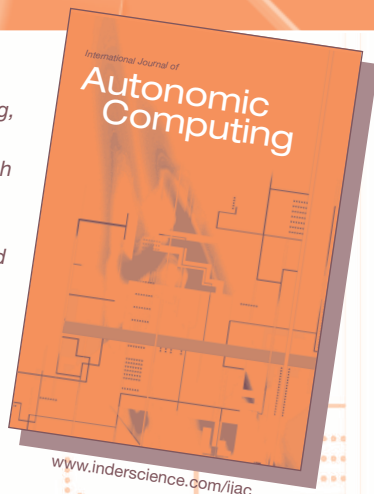
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Scope of the Journal

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By exploring systems' capability for self-learning, self-healing, self-recovery, self-configuring, self-adapting, etc, autonomic computing aims to build "autonomic nervous systems" which address the challenges of complicated systems arising from the rapid explosion of information and system/solution integration. IJAC serves as a forum for individuals in the field to publish their research results, thus facilitating communication and networking among autonomic computing researchers and engineers, and stimulating production of high-quality autonomic computing solutions and architectures.



Topics covered include:

- Autonomic programming models, tools and environments
- Autonomic resources scheduling and management
- Autonomic middleware and toolkits
- **Autonomic monitoring** and management
- Autonomic policy and QoS/IT system management
- Autonomic performance evaluation and modelling
- Autonomic architectures and mathematical foundations
- Autonomic application integration issues
- Autonomic grid, services
- Autonomic access control and security issues
- Ontology programming for self-configuring
- Sensor array structure and signal processing
- Intelligent control and pattern recognition
- Autonomic applications, system solutions, case studies
- Convergence of web services, grid and autonomic computing

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