

Call For Tutorial Proposals.
International Conference on Autonomic Computing (ICAC-07)
Hyatt Regency Jacksonville Riverfront Hotel, Jacksonville, FL
June 11-15, 2007

UPDATE: The submission deadline for ICAC tutorial proposals has been extended to March 17th, 2007

The International Conference on Autonomic Computing (ICAC-07) is a forum for researchers, engineers, application & service developers and users to present their latest advances in the field of autonomic computing. An integral part of this conference will be tutorials conducted by industry & academia professionals.

The ICAC-07 Organizing Committee invites proposals for the tutorials, to be held immediately before the technical conference. We are actively seeking proposals for half-day or full-day tutorials covering a wide range of autonomic computing topics. We are seeking tutorials on topics of interest to practicing engineers, academic or industrial researchers, and/or graduate students.

Following tutorial topics would be particularly attractive, but are not limited to.

- Autonomic Computing: Fundamentals, Architectures and Representative System(s)
- Autonomic Systems: Models, Algorithms and Applications
- Emerging Systems Paradigms and Applications: Autonomic Networks Systems and Grids
- Practical Autonomic Systems and Solutions: Real Life Industrial or Academic Systems
- Techniques for Building Autonomic Systems: Machine Learning, Control-based Systems, (and others).

Please submit your tutorial proposal to (Naveen.Sharma@xeroxlabs.com) in PDF no later than 23:59 EST on March 03, 2007. Entries will be judged by a separate committee, headed by the tutorials chair.

Detailed call for tutorial is in the following attachment.

Call For Tutorials

International Conference on Autonomic Computing (ICAC-07)

<http://www.autonomic-conference.org>

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The ICAC-07 Organizing Committee invites proposals for the tutorials, to be held immediately before the technical conference. We are actively seeking proposals for half-day or full-day tutorials covering a wide range of autonomic computing topics. Tutorials that would be attractive to practicing engineers, academic or industrial researchers, and/or graduate students are of particular interest. Topics of interest include, but are not limited to:

- Autonomic computing systems or prototype systems that exhibit self-configuration, self-optimization, self-healing, and/or self-protection.
- Software architectures for self-managing systems, based on Open Grid Services, Web Services, or novel paradigms based on biological, economic, social, or other analogies.
- Specific self-managing components, such as server, client, database, storage, or network elements. Emphasis should be placed on interactions with other components, or techniques or lessons that may generalize to other components.
- Toolkits, development environments, and languages for autonomic computing. Support for building individual components of autonomic computing systems or applications.
- System-level technologies, middleware or services that entail interactions among two or more components of self-managing systems, such as health monitoring, dependency analysis, problem localization or remediation, workload management, and provisioning.
- General architectures for individual components or for autonomic computing systems as a whole, based on Open Grid Services, Web Services, or more novel paradigms based on biological, economic, social, or other analogies.
- System-level technologies or services that entail interactions among two or more components of self-managing systems, such as dependency analysis, problem localization or remediation, workload management, provisioning, and health monitoring.
- Human interaction with autonomic systems, including user studies, interfaces for monitoring and controlling behavior, and techniques for defining, distributing, and understanding policies.

- Fundamental science of self-managing systems: understanding, controlling, or exploiting emergent behavior, theoretical investigations of coupled feedback loops, robustness, and other related topics.
- Experiences with autonomic system or component prototypes: measurements, evaluations, or analyses of system behavior, user studies, or experiences with large-scale deployments of self-managing systems or applications.

A tutorial proposal should contain the following information:

- Title of the proposed tutorial
- Up to one-page abstract describing the specific theme and scope of the tutorial
- The target audience and a description of why the tutorial topic would be of interest to a substantial part of the Autonomic Computing audience
- The proposed duration of the tutorial (full-day or half-day)
- Prerequisite knowledge required in order to attend the tutorial, and the assumed level of its target audience, e.g. novice, intermediate, or advanced.
- Audio/Video & infrastructure requirements

Please submit your tutorial proposal to [**\(Naveen.Sharma@xeroxlabs.com\)**](mailto:Naveen.Sharma@xeroxlabs.com) in PDF no later than **23:59 EST on March 17, 2007**. Entries will be judged by a separate committee, headed by the tutorials chair.

Important Dates

- Tutorial submissions: March 17, 2007
- Presenter notification: March 24, 2007