

HotAC I - First Workshop on Hot Topics in Autonomic Computing

To be held in conjunction with the 3rd IEEE International Conference on Autonomic Computing (ICAC-06)

University College Dublin, Dublin, Ireland

June 13-16, 2006

<http://www.aqualab.cs.northwestern.edu/HotACI>

The First Workshop on Hot Topics in Autonomic Computing will bring together researchers in the computer systems community to discuss new ideas and developments that address one of the greatest challenges faced by the IT industry: conquering the growing complexity of large-scale systems. The ever-increasing complexity of integrating, deploying and managing IT systems – spurred in part by their growing scale and heterogeneity – threatens to soon overwhelm the capabilities of developers and administrators, stifling further growth of the industry. In response, a new research vision of autonomic, or self-managing, computing systems has been gaining momentum over the past few years. HotAC will be the forum for community-wide discussions of new, potentially ground-breaking ideas about self-management that are not yet sufficiently mature to present formally, with the goal of identifying promising incipient ideas and nurturing them into more substantial efforts that would warrant eventual publication in ICAC or other high-quality conferences.

We request submissions of position papers of five or fewer pages from researchers or practitioners that propose new directions of research, advocate non-traditional approaches to old (or new) ideas, or report on experiences with real systems that may stir up new problems or suggest new solutions. Topics that are likely to provoke fruitful controversy are strongly encouraged. Position papers will be selected based on their originality, technical merit, topical relevance, and the likelihood that their presentations will lead to insightful technical discussions at the workshop. Online copies of the position papers will be made available via the web prior to the workshop. The Program Committee will write short New York Times Book Review-style reviews of accepted papers for inclusion in the ICAC 2006 proceedings to provide the broader community with an additional perspective on future directions in the field.

Submitting a Paper

Position papers must be received by Friday March 10th, 2006. *This is a hard deadline—no extensions will be given.* Submissions should contain five or fewer two-column pages, including all figures and references, using 11-point fonts, standard spacing, and 1-inch margins. Please number pages. All submissions will be electronic, and must be in either PDF format (preferred) or PostScript. Author names and affiliations should appear on the title page. Submission implies willingness of at least one of the authors to register at ICAC and present the paper. Papers must be submitted via the Web submission form that will be available on the workshop Web site, <http://www.aqualab.cs.northwestern.edu/HotACI>. Authors will be notified of acceptance by May 3rd, 2006. Authors of accepted papers will produce a final version by May 31st, 2006. All papers will be available online prior to the workshop and will be published in the Proceedings of HotAC I. New York Times-style reviews of accepted papers would also appear in the proceedings of ICAC 2006.

Important Dates

Submission deadline (hard deadline): Friday March 10th, 2006 (11:59 EST – GMT- 5)

Notification of acceptance: Wednesday May 3rd, 2006

Camera-ready copy due: Monday May 15th, 2006

Workshop: June 16th, 2006

General Chair

Fabián E. Bustamante, Northwestern U.

Program Committee

Jeff Kephart, IBM Research (Co-Chair)

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Alva Couch, Tufts U.

Alok Choudhary, Northwestern U.

Emre Kiciman, Microsoft Research

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