ICAC 2018 Call for Papers
http://icac2018.informatik.uni-wuerzburg.de/calls/call-for-papers/
Trento, Italy, September 3-7, 2018

Scope and Topics
Large-scale systems, such as mega data centers, computer clouds, cyber-physical systems, Internet of Things, are becoming increasingly complex and burdensome for people to manage. Autonomic computing systems reduce this burden by managing their own behavior in accordance with high-level goals. In autonomic systems, resources and applications are managed to maximize performance and minimize cost, while maintaining predictable and reliable behavior in the face of varying workloads, failures, and malicious threats. Achieving self-management requires and motivates research that spans a wide variety of disciplines, including distributed systems, artificial intelligence, machine learning, control theory, optimization, planning, decision theory, user interface design, data management, software engineering, emergent behavior analysis, bio-inspired computing, etc.

Paper Submission
All submissions must represent original and unpublished work that is not currently under review. Each paper will be reviewed by at least three PC members. Papers are assessed based on originality, significance, interest, correctness, clarity, and relevance to the broader community. At least one author of each accepted paper is expected to attend the conference.

Each paper should be submitted in one of the following two categories, to which different acceptance criteria are to be applied:
- Full paper, limited to 10 pages including references (double column, IEEE format)
- Short paper, limited to 6 pages including references (double column, IEEE format)

Full papers are expected to report new scientific or engineering results, sharing experiences, measurements, case studies, and appropriate quantitative evaluation if at all possible. Short papers can either be work in progress, or position papers that motivate the community to address new challenges. One paper among those that will be accepted for publication in the conference proceedings is going to be selected and awarded the Karsten Schwarm Best Paper Award.

Papers should be submitted electronically in PDF format according to the instructions on the ICAC 2018 web site (http://icac2018.informatik.uni-wuerzburg.de/calls/.instructions-to-authors/).

Organization (pending approval)

ICAC 2018
The 15th IEEE International Conference on Autonomic Computing
September 3-7, 2018 – Trento – Italy

Foundazione Bruno Kessler
University of Trento

15th IEEE International Conference on Autonomic Computing (ICAC 2018)

Important Dates
- Abstract and Paper Submission Open: Mar 25, 2018
- Paper Submission Deadline: Apr 18, 2018
- Author Notification: June 3, 2018
- Camera Ready: July 1, 2018

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