

AADEBUG 2005

Call For Papers

Sixth International Symposium on
Automated and Analysis-Driven Debugging
Monterey, California, September 19-21, 2005
<http://www.cs.nmsu.edu/aadebug/>



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Over the past decades automated debugging has seen major achievements. However, as debugging is by necessity attached to particular programming paradigms, the results are scattered. The aims of the symposium are to gather common themes and solutions across programming communities, and to cross-fertilize ideas. We seek papers describing original research as well as reports on practical experience. We also welcome demonstrations of tools and research prototypes. Typical topics of the symposium include (but are not limited to):

automated debugging	declarative debugging
type debugging	knowledge-based debugging
algorithmic debugging	assertion-based debugging
trace analysis	software testing
program slicing	monitoring
performance debugging	parallel and distributed debugging
debugging by simulation	debugging using record/replay

for any kind of programming paradigms (sequential, parallel, distributed, grid, real-time, logic programming, functional, object-oriented, imperative, visual languages).

Accepted papers and demo descriptions will be included in the symposium proceedings published on paper by ACM with ISBN and also electronically in the ACM Digital Library.

Demonstration of tools and research prototypes that implement new ideas in debugging automation will be part of the AADEBUG 2005 technical program. Demos will be given in sessions together with technical paper presentations.

Submission of Papers

Contributors should be aware that the prospective audience will not necessarily be familiar with the addressed programming paradigms, which should, therefore, be briefly introduced. Papers should be no longer than 10 pages in length, including a 150 to 200 word abstract. Submit papers by uploading a PDF file to the submission site (see <http://www.cs.nmsu.edu/aadebug/submit.html>). Concurrently send an e-mail to aadebug-submit@cs.nmsu.edu with the title of the paper, names of the authors, full address of the correspondent and a 150 to 200 word abstract of the paper.

Submission of Demos

Demo descriptions should be no longer than 5 pages including a 150 to 200 word abstract. Submit demos by uploading a PDF file to the submission site (see www.cs.nmsu.edu/aadebug/submit.html). Concurrently send an e-mail to aadebug-submit@cs.nmsu.edu containing the title of the demo, names of the authors, full address of the correspondent and a 150 to 200 word abstract of the paper. Clearly mention the fact that you submit a demo and not a regular paper in your email.

Authors having problems to submit using the web server can send the paper as an attachment to aadebug-submit@cs.nmsu.edu

Important Dates

Paper and demo submission before	March 12, 2005
Notification of acceptance by	May 31, 2005
Final version of paper before	July 15, 2005
Early registration deadline	August 15, 2005

