



CIAA 2009 -- CALL FOR PAPERS

14th International Conference on Implementation and Application of Automata

Sydney, Australia, July 14-17, 2009

<http://www.cse.unsw.edu.au/~ciaa2009/>

CIAA is the premier annual forum for researchers, application developers, and users of automata-based systems. Automata theory is the foundation of computer science. Its applications have spread to almost all areas of computer science and many other disciplines. The CIAA conferences concern research on all aspects of implementation and application of automata and related structures, including theoretical aspects. The past conferences have published significant papers in the applications of finite automata in parsing and compilers, natural language processing, pattern matching, and bioinformatics (among others). The conference also accepts papers that advance the state of the art in the theoretical study of finite automata, regular expressions, grammars and related formal models. A goal of the conference is to provide additions and enhancements to existing software systems that manipulate automata, regular expressions, grammars, and related structures; examples of such systems include AGL, [AMoRE](#), [ASTL](#), Automate, FADELA, FinITE, [FIRE Station](#), [JFLAP](#), [FSM](#), [Grail+](#), INR, [Intex](#), [MERLin](#), [MONA](#), [TESTAS](#), [Turing's World](#), [Vaucanson](#), [WFSC](#) and [Whale Calf](#).

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Program Chair & Organizer

Sebastian Maneth *NICTA & Univ. of NSW, Australia*

Invited Speakers

Christoph Koch *Cornell University, USA*
Gonzalo Navarro *Universidad de Chile, Chile*
Helmut Seidl *Technische Universität München, Germany*

Submissions

Research papers are sought on all aspects of implementation, application, and theory of automata and related structures. Submitted papers must present original research which is unpublished and not submitted elsewhere. The proceedings of the conference will be published in the Springer-Verlag Lecture Notes in Computer Science (LNCS) series. Submitted papers must use the LNCS style (available at <http://www.springer.de/comp/lncs/authors.html>) and may not exceed 10 pages. Papers must be in English and provide sufficient details to allow the program committee to assess their merits. If the authors believe more details are necessary to substantiate the claims of the paper, they may include a clearly marked appendix to be read at the discretion of the committee. Papers will be submitted electronically in PDF, using the EasyChair system.

Important Dates

Submission Deadline: March 16, 2009
Notification Deadline: April 20, 2009
Camera-ready version: May 4, 2009