



Final Call for Papers - ICTAC'06
International Colloquium on Theoretical Aspects of Computing
Gammarth/Tunis, Tunisia - 20–24 November, 2006
[<http://www.iist.unu.edu/ICTAC2006>]

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Background and Objectives

ICTAC is an International Colloquium on Theoretical Aspects of Computing created by the International Institute for Software Technology of the United Nations University (UNU-IIST). The aim of the colloquium is to bring together practitioners and researchers from academia, industry and government to present research results, and exchange experience, ideas, and solutions for their problems in theoretical aspects of computing. Beyond these scholarly goals, another main purpose of the conference is to promote cooperation in research and education between participants and their institutions, from developing and industrial countries, as in the mandate of the United Nations University. The previous two ICTAC events were held in 2004, in Guiyang, China, and in 2005, in Hanoi, Vietnam.

The topics of the conference include, but are not limited to:

- automata theory and formal languages
- principles and semantics of programming languages
- logics and their applications
- software architectures and their description languages
- software specification, refinement, and verification
- model checking and theorem proving
- formal techniques in software testing
- models of object and component systems
- coordination and feature interaction
- integration of formal and engineering methods
- service-oriented development
- document-driven development
- models of concurrency, security, and mobility
- theory of parallel, distributed, and internet-based (grid) computing
- real-time and embedded systems
- type and category theory in computer science

ICTAC'06 will have a technical program for five days including two days for tutorials and three days for a conference. There will also be a training school in the preceding week.

Invited Speakers

- Zohar Manna, USA
- Tobias Nipkow, Germany
- Mike Reed, Macao
- Jim Woodcock, UK

Sponsors and Organisation

ICTAC 2006 will be organised jointly between the University Tunis El Manar, UNU-IIST and the University of York. They are also sponsors of ICTAC 2006.

Submission and Publication

Submissions to the conference must not have been published or be concurrently considered for publication elsewhere. All submissions will be judged on the basis of originality, contribution to the field, technical and presentation quality, and relevance to the conference. Papers should be written in English and not exceed 15 pages in LNCS format (see <http://www.springer.de/comp/lncs/authors.html> for details). Authors must submit their papers in pdf format to the website <http://confman.iist.unu.edu/ICTAC2006/REG-paper/>. All queries should be sent to: ictac2006@iist.unu.edu.

All accepted papers will be published by Springer in the series LNCS. Authors of a selection of the accepted papers will be invited to submit an extended version of their work to a special issue of *Formal Aspects of Computing*.

Important Dates

- **Submission deadline: 8 May, 2006 (extended)**
- Acceptance notification: 14 July, 2006
- Final version due: 1 September, 2006