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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 2006 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.

#### Tutorial Submission and Publication

You are welcome to submit a proposal for tutorials on the subjects related to the topics listed above. All tutorial proposal submissions should have a detailed description of tutorial contents, time duration, intended audience, biography of presenter and an extended abstract written in English. The extended abstract should not exceed 5 pages in LNCS format (see <http://www.springer.de/comp/lncs/authors.html> for details). **The extended abstract of the accepted tutorials will be included in the proceedings of the ICTAC 2006 conference to be published in the LNCS series by Springer.** All queries and tutorial proposals should be sent to the program committee co-chairs, e-mail: [ictac2006@iist.unu.edu](mailto:ictac2006@iist.unu.edu).

#### Important Dates

- Tutorial Proposal Submission deadline: 1 June, 2006
- Acceptance notification: 14 July, 2006
- Final version due: 1 September, 2006
- Tutorials: 20–21 November, 2006