



# CALL FOR PAPERS

20<sup>th</sup> International Conference on  
Computers and Their Applications

March 16-18, 2005

Holiday Inn Downtown-Superdome, New Orleans, Louisiana USA

Sponsored by the International Society for Computers and Their Applications (ISCA)

CATA-2005

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The International Conference on Computers and Their Applications (CATA) provides an international forum for presentation and discussion of research on computers and their applications. The CATA-2005 will feature contributed as well as invited papers concerned with theory, practice and applications. The topics will include, but are not limited to, the following areas:

Algorithms

Artificial Intelligence

Biomedical Engineering

Bioinformatics and Geoinformatics

Compilers

Computer-aided Design/manufacturing

Computer and Network Security

Computer Architecture and VLSI

Computer Graphics

Computer Modeling

Computer Networks

Computer Simulation

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Image Processing

Information Systems

Multimedia Applications

Neural Networks

Operating & Distributed Systems

Parallel Processing

Pattern Recognition

Programming Languages

Real-time Computing

Robotics

Software Engineering and CASE

Text Processing

## Instructions to Authors

A full paper (not to exceed 15 double-spaced pages), including title, author's name(s), affiliation, mailing address, telephone, fax and e-mail of the principal author should reach the Program Chair on or before **November 26, 2004**. **Papers will be accepted only by electronic submission (PDF or Word format)**. The submitted manuscript should closely reflect the final paper as it will appear in the Proceedings, which will be a maximum of 6 pages (+2 pages with additional page charges) in ISCA double-column format. (see <http://www.isca-hq.org/sample-isca-manuscript-format.pdf>)

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Authors wishing to have their papers reviewed for possible publication in the ISCA Journal of Computers and Applications should send expanded versions of their papers directly to the Editor, Prof. Reda Ammar (See Instructions to Authors at: <http://www.isca-hq.org/j-authr.htm>).

## IMPORTANT DATES

**Full paper Submission**  
**Notification of Acceptance**  
**Pre-registration and Camera-ready paper**

**November 5, 2004**  
**December 27, 2004**  
**January 28, 2005**