



# CAINE-2010

## 23<sup>rd</sup> International Conference on Computer Applications in Industry and Engineering

November 8-10, 2010, Imperial Palace Hotel, Las Vegas, Nevada USA

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

The International Conference on Computer Applications in Industry and Engineering (CAINE-2010) provides an international forum for presentation and discussion of research on computers and their applications. The conference also includes a **Best Paper Award** given for a paper presented at the conference. The CAINE-2010 conference will feature contributed as well as invited papers concerned with practice and applications. Papers will be accepted into chaired presentation sessions. The topics will include, but are not limited to, the following areas:

Agent-Based Systems	Emergent Intelligence
Autonomous Systems	Energy Systems
Bioinformatics	Image/Signal Processing
Biomedical Systems/Engineering	Information Assurance
Computer-Aided Design/Manufacturing	Information Systems/Databases
Computer Architecture/VLSI	Internet and Web-Based Systems
Computer Graphics and Animation	Knowledge-based Systems
Computer Modeling/Simulation	Mobile Computing
Computer Security	Multimedia Applications
Computers in Education	Nanotechnology
Computers in Medicine	Network Processors
Computer Networks	Neural Networks/Fuzzy Logic
Control Systems	Pattern Recognition/Computer Vision
Data Communications	Robotics
Data Mining	Scientific Computing
Distributed Systems	Software Engineering/CASE
Embedded Systems	Virtual Reality

### Instructions for Authors

Papers will be accepted ONLY BY ELECTRONIC SUBMISSION in PDF format. Please include a cover page containing title, author's name(s), address, affiliation, e-mail address, telephone number and topic area. In cases of multiple authors, all correspondence will be sent to the first author unless otherwise requested. All submissions must be uploaded through this web site by **August 6, 2010**:

<https://cmt.research.microsoft.com/CAINE2010>

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 fees) in ISCA format. (See <http://www.isca-hq.org/sample-isca-manuscript-format.pdf>) If you encounter any difficulties during submission or if you require further information, please contact: [isca@ipass.net](mailto:isca@ipass.net).

Authors wishing to have their papers reviewed for possible publication in the ISCA Journal of Computers and Applications should send by postal mail or email expanded versions of their papers directly to the Editor, Dr. Qiang Zhu, [qzhu@cmich.edu](mailto:qzhu@cmich.edu). (See Instructions to Authors at: <http://www.isca-hq.org/j-authr.htm>).

**Conference Chair: David Pheanis, Arizona State University**

### Program Chair

**Dr. Fred Harris**

University of Nevada, Reno

Email: [fred.harris@cse.unr.edu](mailto:fred.harris@cse.unr.edu)

### IMPORTANT DATES

Full Paper Submission:

August 6, 2010

Notification of Acceptance:

September 3, 2010

Pre-registration & Camera-Ready Paper Due:

September 27, 2010