



**Sponsors:**



Technical Committee on  
Parallel Processing



Arab Computer Society (ACS)

**General Chair:**

Tarek El-Ghazawi, The George  
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**Program Chair:**

HJ Siegel, Colorado State  
University, USA

**Program Co-Chair:**

Amr El-Kadi, American  
University at Cairo, Egypt

**Important Dates:**

Papers submission due:

*5pm EST, Monday, December 27,  
2010*

Notification of acceptance:

*March 15, 2011*

Camera ready manuscripts due:

*April 15, 2011*

Early registration deadline:

*May 9, 2011*

**Third Call for Papers**

**THE 9TH ACS/IEEE  
INTERNATIONAL CONFERENCE  
ON COMPUTER  
SYSTEMS AND APPLICATIONS**

**AICCSA 2011**

The Ninth ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2011) will be held in Sharm El-Sheikh, Egypt, on June 27-30, 2011. AICCSA is a premier Computer Science and Engineering Conference. This conference is an international forum for researchers and practitioners interested in the advances of computer systems and their applications. We welcome papers that are theoretical, conceptual, descriptive in nature, or a survey of the state of the art.

Papers are solicited in areas including but not limited to:

1. **Bioinformatics and Biomedical Computing**
2. **Cloud and Grid Computing**
3. **Computer Architecture**
4. **Computer Networks and Security**
5. **Energy Efficient Computing**
6. **Information Retrieval, Database, and Data Mining**
7. **Parallel, Distributed, and High Performance Processing**
8. **Reconfigurable and GPU Computing**
9. **Software Systems**
10. **Wireless Systems and Sensor Networks**

**Tracks Chairs:**

John Antonio, University of Oklahoma, USA

Tom Casavant, University of Iowa, USA

Ophir Frieder, Georgetown University, USA

Jong-Kook Kim, Korea University, Korea

Ricky Kwok, University of Hong Kong, China

Jose Moreira, IBM T. J. Watson Research Center, USA

John Morrison, University College, Cork, Ireland

Christos Papadopoulos, Colorado State University, USA

Sudeep Pasricha, Colorado State University, USA

Jay Smith, DigitalGlobe, USA

• **Keynote Speakers will include:**

**Dr. Kenneth H. Buetow**, Associate Director, National Cancer Institute, USA

**Dr. Frederica Darema**, Director and IEEE Fellow, Air Force Office of Scientific Research (AFOSR), USA

**Dr. Jean-Luc Gaudiot**, Professor and IEEE Fellow, University of California – Irvine, USA

**Dr. Pratap Pattnaik**, IBM Fellow, IBM Watson Research Center, USA

**Dr. Albert Zomaya**, Professor and IEEE Fellow, The University of Sydney, Australia

- The proceedings will be available in the IEEE library.
- There will be a Best Paper Award, including a certificate and cash prize, for each Track, provided by the IEEE Computer Society Technical Committee on Parallel Processing (TCPP).
- Special optional all-day tourist activity for conference attendees on June 26, 2011.

**Guidelines for Submission:** Paper submissions are limited to 8 conference format two-column pages. Please see the conference web site for submission details and for additional information:

<http://www.aiccsa.org>