

# DCABES 2009 Final Call For Paper

## 2009.10.16-----10.19

### Wuhan China

[HTTP://DCABES.MEETING.WHUT.EDU.CN/DCABES2009/](http://DCABES.MEETING.WHUT.EDU.CN/DCABES2009/)

Important information:

1. Please note that due to some unexpected reasons, the venue of DCABES 2009 has been changed from Guilin to Wuhan, China.
2. The paper online submission system has been switched off, you can send your paper to DCABES 2009 by email directly.
3. Due to requirements of many authors the paper submission deadline of the DCABES 2009 has been extended to the 8th July 2009. Others relative important dates are also changed.

The eighth International Conference on Distributed Computing and Applications for Business, Engineering and Sciences (DCABES2009) will be **held on 16-19 October 2009 in Wuhan, China**. As in previous conferences, DCABES intends to bring together researchers and developers in the academic field and industry from around the world to share their research experience and to explore research collaboration in the areas of distributed parallel processing and applications.

Proceedings of the DCABES has been indexed by the ISTP of ISI since 2001. The selected papers have been published in special issues of international journals. DCABES2005 was held in the University of Greenwich, U.K., and some of the excellent papers have been included in special issue of International Journal of Computer Mathematics (**IJCM, SCI source journal**). This series of meetings has gotten its good reputation in distributed computing, for comprehensively presenting the state-of-the-art research results. The DCABES 2009 proceedings will **be indexed by the ISTP of ISI** as usually, and **the EI (pending)**.

You are invited to submit an extended abstract/full paper in **4 or 5 pages**, and/or a proposal to organize a technical session. All accepted abstracts should be extended by the authors to a full paper (**5 pages or less**), which will be published as a book of proceedings (with ISBN) to be distributed at the conference. Select papers of the DCABES 2009 proceedings will be published by IJCM (SCI source journal) and Journal of Algorithms and Computational Technology (JACT) with free of charge soon after the Symposium. **Please visit the DCABES 2009 website to know more details.**

### SCOPE:

We welcome submissions on all facets of distributed parallel processing and applications. Topics include, but not limited to the following:

#### Distributed/Parallel applications

1. Computational methods in science and engineering.

2. Computational finance.
3. E-engineering and e-science applications.
4. E-commerce applications.
5. E-education applications.
6. Distributed agents.
7. Distributed multimedia.
8. Distributed databases.

### **Distributed/Parallel algorithms**

1. Numerical parallel algorithms.
2. Non numerical parallel algorithms.
3. Algorithms exploiting distributed computing environment.
4. Performance assessment with computation/communication complex analysis.
5. Distributed/parallel algorithms in image and vision processing.
6. geometric modelling, and fractals.
7. Compression and decompression for multimedia applications.

### **Grid Computing**

1. Infrastructure of Grid Computing.
2. Grid computing platforms and tools.
3. Grid Software and Middleware.
4. Grid computing applications.
5. New technologies and developments in computer networking

### **System Architectures**

1. Real-time embedded systems for business, engineering, and sciences.
2. Distributed information systems for business, engineering, and sciences.

3. Web resources management and system design for e-science and e-engineering.
4. Web performance analysis for business, engineering and sciences.

#### **Software tools and environments for distributed or parallel platform**

1. Use of MPI, PVM, Java Platforms for web-based simulation and computing.
2. Tools and platforms for E-education.
3. Tools and platforms for E-business.
4. Web browser and search engine design
5. Mobile agents and computing.

#### **Intelligent transportation**

1. Vehicle Controls
2. Traffic surveillance and control
3. Operation vehicle height management
4. Tourism information management

#### **Information Security**

1. Cryptography.
2. Firewall Technology.
3. Web Security.
4. Network authentication technology
5. Intrusion Detection.
6. Computer Virus Prevention Technology.

#### **Other topics about distributed parallel processing and applications.**

### **Important Dates**

Due to requirements of many authors the paper submission deadline of the DCABES 2009 has been postponed to the 8th July 2009. Others relative important dates also are changed.

Submission due: **8th July 2009**

Notification of Acceptance: **30th July 2009**

Camera-Ready due: **12th August 2009**

Early Registration Time: **Before 5th August 2009**

Last Registration time: **Before 12th August 2009**

Non Author Registration Time: **Any Time Before 16th October 2009**

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