

Final Call for Papers: IAENG International Workshop on Scientific Computing and Computational Statistics (in IMECS 2006)

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Final CFP From:

IAENG: International Association of Engineers (<http://www.iaeng.org>)
Engineering Letters (<http://www.engineeringletters.com>)

Call for Papers: The 2006 IAENG International Workshop on Scientific Computing and Computational Statistics

(Part of The International MultiConference of Engineers and Computer Scientists IMECS 2006)

20-22 June, 2006, Hong Kong

<http://www.iaeng.org/IMECS2006/IWSCCS2006.html>

The IWSCCS'06 has the focus on the frontier topics in the theoretical and applied scientific computing and computational statistics subjects and their applications. It serves as good platforms for the scientific computing and computational statistics community members to meet with each other and to exchange ideas.

The IMECS 2006 multiconference has the focus on the frontier topics in the theoretical and applied engineering and computer science subjects. It consists of 14 workshops (see the details at IMECS website: www.iaeng.org/IMECS2006). The multiconference serves as good platforms for the engineering community members of different disciplines to meet with each other and to exchange ideas. The current conference committee of the IMECS 2006 includes over 140 workshop co-chairs and committee members of mainly research center heads, department heads, professors, research scientists from over 20 countries, while a few of the committee members are also experienced software development directors and engineers.

All submitted papers will be under peer review and accepted papers will be published in the conference proceeding (ISBN: 988-98671-3-3). The abstracts will be indexed and available at major academic databases. The Technology Research Databases (TRD) of CSA (Cambridge Scientific

Abstracts), DBLP and Computer Science Bibliographies have promised to index the print proceeding in advance of its publication. And after the publication of the proceeding, print copies will also be sent to databases like IEE INSPEC, Engineering Index (EI) and ISI Thomson Scientific for indexing. The accepted papers will also be considered for publication in the special issues of the journal Engineering Letters. Some participants may also be invited to submit extended version of their conference papers for considering as book chapters (soon after the conference).

IWSCCS Workshop Co-Chairs:

Chin-Chen Chang

IEEE Fellow, IEE Fellow

Chair Professor in Department of Information Engineering and Computer Science, Feng Chia University, Taiwan

Chiang-Ho Cheng (co-chair)

Assistant Professor, Department of Mechanical and Automation Engineering

Da-Yeh University, Taiwan

Dr. Alexandar Djordjević

Programme Leader for the BEng in Mechatronic Engineering Programme
City University of Hong Kong, Hong Kong

G. Ganesan

Associate Professor of Mathematics

Jayaprakash Narayan College of Engineering, India

Wan-Kai Pang (co-chair)

Assistant Professor, Department of Applied Mathematics

The Hong Kong Polytechnic University, Hong Kong

Josep R. Herrero (co-chair)

Assistant professor, Department of Computer Architecture

Polytechnic University of Catalonia, Spain

Chih-Jer Lin (co-chair)

Associate Professor of Mechanical and Automation Engineering

Da-Yeh University, Taiwan

Tadeusz Sawik

Professor and Head

Computer Integrated Manufacturing,

AGH University of Science & Technology, Poland

Lev V. Utkin, PhD, DSc, (co-chair)

Professor, Dept. of Computer Science

St.Petersburg Forest Technical Academy, Russia

Jiunn-Lin Wu
Assistant Professor, Dept. of Computer Science,
National Chung Hsing University, Taiwan

An-Shik Yang (co-chair)
Associate Professor, Department of Mechanical and Automation
Engineering
Da-Yeh University, Taiwan

The topics of the workshop include, but not limited to, the following:

Numerical analysis
Finite difference methods
Finite element methods
High order difference approximations
Methods for integration on a uniform and non-uniform mesh
Monte Carlo methods
Numerical Linear Algebra
Factorization methods
Transformation methods and applications
Dynamical systems
Simulation
Bayesian computing
And applications of scientific computing
Biometrics
Bioinformatics
Econometrics
Computer intensive inferential methods
Data exploration and data mining
Neural networks
Numerical methods
Statistical databases
Statistical systems
And statistical software

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Submission:

Prospective authors are invited to submit their draft paper in abstract format (one page) or in full paper format to imecs@xxxxxxxxx by 12 March, 2006. The submitted file can be in MS Word format, PS format, or PDF formats.

The first page of the draft paper should include:

- Title of the paper;
- Name, affiliation and e-mail address for each author;
- A maximum of 5 keywords of the paper;

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Also, the name of the workshop session that the paper is being submitted to should be stated in the email.

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Important Dates:

Proposals for special conference sessions and tutorials deadline: 30 December, 2005

Draft Manuscript / Abstract Submission Deadline (extended): 6 April, 2006

Camera-Ready papers & Pre-registration Due (extended): 13 April, 2006

IMECS 2006: 20-22 June, 2006

More details about the IWFE 2006 can be found at:

<http://www.iaeng.org/IMECS2006/IWSCCS2006.html>

It will be highly appreciated if you can circulate these calls for papers to your colleagues.

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