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To:
The Secretariat of
**REGIONAL CONFERENCE on
ENGINEERING MATHEMATICS, MECHANICS,
MANUFACTURING & ARCHITECTURE
(EM³ARC) 2007**
Faculty of Engineering
Universiti Kebangsaan Malaysia
43600 UKM Bangi Selangor.

TENTATIVE PROGRAM

DAY 1

0800-0830 Registration
0845-0945 Opening Ceremony
0945-1015 Tea Break
1015-1230 Session 1
1230-1400 Lunch
1400-1600 Session 2
1600-1615 Closing & Tea Break

DAY 2

0800-0945 Session 3
0945-1015 Tea Break
1015-1230 Session 4
1230-1400 Lunch
1400-1600 Session 5
1600-1615 Closing & Tea Break

DEADLINES :

Submission of Abstracts 15th August 2007
Acceptance of Abstracts 30th August 2007
Submission of Full Papers 30th September 2007
Acceptance of Full Papers 30th October 2007

Notification of any amendments will be made via email and through the EMARC website. Please browse to <http://www.eng.ukm.my/emarc>

ACCOMMODATION :

Direct bookings can be made with the following hotels :

Equatorial Hotel, Bangi	03-8925 2222
Renaissance Palm Garden Hotel	03-8943 2233
NIOSH	03-8926 5606
Residence Hotel (Uniten)	03-8922 2088
Esset KWSP, Bangi	03-89264100

CONTACT :

CEM : Prof. Dr. Ahmad Kamal Ariffin Mohd. Ihsan
NVC : Prof. Dr. Mohd. Jailani Mohd. Nor
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2nd Announcement

Regional Conference on Engineering Mathematics Mechanics Manufacturing Architecture (EM³ARC) 2007

Palm Garden Hotel IOI Resort,
Putrajaya

27-28th NOVEMBER 2007
[http:// www.eng.ukm.my/emarc/](http://www.eng.ukm.my/emarc/)



Organised by
Universiti
Kebangsaan
Malaysia

National University of Malaysia

Advanced
Engineering Centre,
Faculty of Engineering

AEC
ADVANCED ENGINEERING CENTRE, UKM

“ENHANCING THE HERITAGE OF KNOWLEDGE VIA STRATEGIC SYNERGY OF ENGINEERING MATHEMATICS, MECHANICS, MANUFACTURING & ARCHITECTURE”

ABOUT

Computational & Experimental Mechanics (CEM), Noise, Vibration & Comfort (NVC), Advanced Processes & Systems in Manufacturing (APSIM), Mathematical Sciences in Engineering (MSE) & Civilization of Regional Architecture (ARCH), will hold its first regional conference on the subject of Engineering, Mathematics & Architecture covering both the theory and application in academics and various industries. This seminar is hosted by the Faculty of Engineering, Universiti Kebangsaan Malaysia (UKM) and is jointly organised by the Advanced Engineering Centre (AEC), UKM. It will cover all related issues in the areas of technological and industrial applications.

OBJECTIVE

The objectives of the conference are to :

- Act as a node for the networking of CEM, NVC, APSIM, MSE & ARCH fraternity.
- Present research findings.
- Update knowledge and disseminate information.
- Serve as a wrap-up of all CEM, NVC, APSIM, MSE & ARCH based research projects in Malaysia.

SEMINAR SPEAKERS

- ❖ Prof. Dr. Liu Gui Rong, Director, Centre for Advanced Computations in Engineering Science (ACES), NUS, Singapore
- ❖ Prof. Dr. J. N. Reddy, Holder of Oscar S. Wyatt Endowed Chair, Texas A&M University & NUS, Singapore
- ❖ Harry K. Zaveri, Structural Dynamics Specialist, University of Brüel Kjar, Denmark
- ❖ Prof. Dr. Benjamin Soenarko, Dept. of Physics, Bandung Institute of Technology, Indonesia
- ❖ Prof. V. C. Venkatesh, Faculty of Engineering & Technology (FET), Multimedia University Melaka Campus
- ❖ Prof. Dato' Dr. Hj. Kamel Ariffin Mohd. Atan, Director, Institut Penyelidikan Matematik, UPM
- ❖ Andrew Viggo Metcalfe, University Sydney, Australia
- ❖ Ar. Dr. Tan Loke Mun, President, PAM
- ❖ Ar. Nur Haizi Abdul Hai, President, LAM

TARGET AUDIENCE

This may include scientists, engineers, technologists, industrialists, architects, entrepreneurs, policy makers, researchers, economists, sociologists, historians, philosophers, academicians, students, etc.

CONFERENCE TOPICS

The conference will cover areas in:

CEM 2007

- ◆ Computational Mechanics
- ◆ Micro & Nano Mechanics, Biomechanics
- ◆ Inverse Problems
- ◆ Multidisciplinary Optimisation
- ◆ Computational Methods
- ◆ Finite, Boundary & Discrete Elements
- ◆ Parallel Processing
- ◆ Artificial Intelligence

NVC 2007

- ◆ Noise and Vibration Issues
- ◆ NVC Technologies and Industrial Applications
- ◆ Indoor Issues on NVC
- ◆ Noise, stress and Comfort Issues
- ◆ Historical, Philosophical and Ethics in NVC

APSIM 2007

- ◆ Optimisation
- ◆ Quality Management
- ◆ Reverse Engineering
- ◆ Advanced Processes in Manufacturing
- ◆ Advanced Systems in Manufacturing

MSE 2007

- ◆ Mathematical Sciences in Engineering
- ◆ Applied Mathematics
- ◆ Biological & Life Sciences
- ◆ Discrete Mathematics & Algorithms
- ◆ Signal Processing, Statistical Process Control

ARCH 2007

- ◆ Architecture Education: Past, Present & Future
- ◆ Sustainable and Landscape Architecture
- ◆ Low Energy Architecture & Green Building
- ◆ Post Disaster Architecture
- ◆ Universal Architecture: Design for All
- ◆ Architectural Engineering

LANGUAGE & ABSTRACT

- All abstracts are to be written using good language, either in Bahasa Melayu or English with keywords.
- Abstracts shall be written using MSWord using Arial font size 10, not more than 500 words length on one page, together with the registration form to the EMARC 2007 Secretariat.
- Please send abstracts to emarc@eng.ukm.my. In your email please make sure to indicate which conference you wish to participate.

REGISTRATION FORM

Name : _____
Title : _____
Employer: _____
Address : _____
Tel : _____ Fax : _____
Email : _____

I wish to (Please tick) :

- Register now
- Submit an abstract (as per attachment)
- Present an oral paper
- Attend as non-presenting participant

I wish to participate in (Please tick) :

- CEM 2007
- NVC 2007
- APSIM 2007
- MSE 2007
- ARCH 2007

REPLY DEADLINE :

15TH AUGUST 2007

FEES :

Presenters/Participants RM500/USD150
Students RM250/USD75

MODE OF PAYMENT :

Crossed cheques/Bank draft/Money Order payable to :
BENDAHARI UKM