



**FIRST  
ANNOUNCEMENT**

# **nANOTEch Malaysia 2009**

**“ENERGY, HEALTH & ENVIRONMENT”**

**• Conference • Forum • Exhibition**

**November 9-11, 2009**

Putra World Trade Centre (PWTC), Kuala Lumpur

**October 27-29, 2009**

Kuala Lumpur Convention Centre, Kuala Lumpur

Organized by :



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# INTRODUCTION

Nanotechnology is among the most important scientific and technological developments affecting mankind and enterprises in the 21st century. Nanotechnology enables further advancement of micro- and bio-tech thus creating drastic impact on industries, economy and societies in the coming decades. Nanotechnology provides us the ability to manipulate matter at atomic and molecular scale leading to a wealth of innovative new technologies across a vast array of fields including agriculture, healthcare, information technology, energy production and utilization, homeland security and national defense, biotechnology, food and agriculture, aerospace, materials manufacturing and environmental improvement. Nanoscience is the basis of this technology since fundamental understanding will lead to new innovations and practical advances.

Malaysia has launched the National (Malaysia) Nanotechnology Initiatives (NNI) in 2006 and is a member of the Asia Nano Forum (ANF). Nanotech Malaysia 2007 was first organized in 2007 as the highlight of the NNI. Nanotech Malaysia 2009 is the continuation of the successful event. This is an international gathering of scientists, engineers and technology entrepreneurs involved in the field of nanotechnology research and innovation.

Nanotech Malaysia 2009 will be held in Kuala Lumpur on October 27-29, 2009. The conference is jointly organised by Malaysia Nanotechnology Association (MNA) and Institute of Microengineering and Nanoelectronics (IMEN), UKM.

Nanotech Malaysia 2009 is designed to give business, professionals and public who have little or no knowledge of nanotechnology, a broad overview of the field. Attending the Nanotech conference, forum and exhibition will enhance the participant's experience and knowledge, current research development in nanotechnology and how it will affect all of us in the near and longterm.

# NANOC

# OBJECTIVES

- To provide an avenue to present recent advances in nanoscience and nanotechnology through keynotes, oral and poster presentations.
- To discuss and identify key and emerging issues for future pursuits through informal and business meetings, and establish research-research and research business relationship on nanoscience and nanotechnology among local researchers, corporate and commercial sectors.
- To facilitate knowledge sharing and identify opportunities for long-term cooperative research and innovation ventures through bringing together leading experts and promising innovators from research institutions, end-use industries and academia.

**Who should attend :** Researchers in any disciplines, managers, economists, lawyers/patent agents, industrialists, member of government agencies, government link companies and other corporate bodies, and any interested parties.

## Conference

- Symposium A : Nanomaterials and Nanostructured Devices**  
**Chair : Prof. Dato' Dr. Muhammad Yahaya**  
 Principal Fellow of Institute of Microengineering and Nanoelectronics (IMEN) and Professor at the Faculty of Science & Technology, UKM.
- Symposium B : MEMS/NEMS & Nanoelectronic Devices**  
**Chair : Prof. Dr. Burhanuddin Yeop Majlis**  
 Director of Institute of Microengineering and Nanoelectronics (IMEN), UKM
- Symposium C : Nanobiotechnology & Healthcare**  
**Chair : Prof. Dr. A. Rahman A. Jamal**  
 Director of UKM Medical Molecular Biology Institute (UMBI), UKM.
- Symposium D : Nanotechnology in Agriculture, Energy & Environment**  
**Chair : Prof. Ir. Dr. Abdul Wahab Mohammad**  
 Professor (Membrane and Separation Technology) and Deputy Dean of the Faculty of Engineering & Environment, UKM

### Plenary Speakers

- Prof. Dr. Peter Laggner**  
 Institute of Biophysics and Nanosystems Research, Austrian Academy of Sciences
- Prof. Dr. Hisham Abdel-Aal**  
 Arts et Metier ParisTech, France
- Prof. Dr. Ilse C. Gebeshuber**  
 Institute of Microengineering and Nanoelectronics, UKM

### Selected papers from this conference will be published in :

- International Journal of Microengineering and Nanoelectronics
- Journal of Solid State Science and Technology
- World Applied Science Journal

## Conference Fees

Participant	RM 1500
Members of Malaysia Nanotechnology Association (MNA)	RM 1200
Student	RM 700
Visitor of Exhibition	Free Admission

## Forum

- Public Awareness and Education on Science & Nanotechnology**  
**Chair : Prof. Dr. Khaliqah Mohd. Salleh**

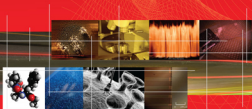
## Exhibition

- Managed by Global Event Sdn. Bhd**  
 For information, go to [www.globalevents.com.my](http://www.globalevents.com.my)

## Call for Abstracts :

Participants are invited to submit papers on the following topics. The scope of Nanotech Malaysia 2009 covers all areas of nanoscience and nanotechnology and related aspects from economic to law including but not limited to the following :

- ◆ **Nanomaterials and Nanostructured Devices**
  - Electronic material and devices
  - Theoretical and computational nanoscience
  - Nanostructured and functional materials
- ◆ **MEMS/NEMS & Nanoelectronic Devices**
  - MEMS/MOEMS sensor/actuators
  - Nanodevices
  - Smart materials and sensors
- ◆ **Nanobiotechnology & Healthcare**
  - Pharmaceutical, nutraceutical and healthcare
  - Biomedical and drugs delivery
  - Biomaterials and biomimetics
- ◆ **Nanotechnology in Agriculture, Energy & Environment**



**Deadline for abstracts submission is July 31, 2009. Please submit your abstract through the link below : [www.nanotechmalaysia.com.my](http://www.nanotechmalaysia.com.my)**

All conference information, including titles, pre-registration, sessions and paper schedule will be provided at the conference web page. This site will be updated regularly. Please check the announcement page for all updates.

## Organizing Committee

Chairman : Prof. Dr. Burhanuddin Yeop Majlis (MNA/ UKM)

Deputy Chairman : Prof. Dr. Halimatun Hamdan (MNA)

Secretaries : Dr. Wong Tin Wui (MNA)  
Dr. Badariah Bais (UKM)  
Dr. Dee Chang Fu (UKM)

Treasurers : Dr. Azmi Idris (MNA)  
Dr. Azman Jalar (UKM)

Committee members : Prof. Dr. Muhamad Mat Salleh (UKM)  
Prof. Dato' Dr. Muhammed Yahaya (UKM)  
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Tengku Sharizad Tengku Dahlan (Akademi Sains Malaysia)





# NANOTECH

Malaysia **2009**

**October 27-29, 2009**

Kuala Lumpur Convention Centre, Kuala Lumpur

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# NANOtech

Malaysia 2009

[www.nanotechmalaysia.com.my](http://www.nanotechmalaysia.com.my)



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