**PRESENTATION**

Presentation can be either oral or poster. The allocated time for each oral presentation will be 15 minutes followed by 5 minutes of question and answer session. Poster presentation session will be carried out throughout duration of the conference. The limitation imposed on the poster size is 90cm in width and 150cm in height. All presentations will be spoken in English.

**PARTICIPANTS**

Who should attend?
- Academicians from Universities or Research Institutes.
- Scientists and Researchers.
- Post-Graduate Students.
- Representatives from Industries.
- All other interested individuals.

**EXHIBITION OF PRODUCTS & SERVICES**

BOND21 encourages various companies of science and technology to display their products, experiences and services.

Dates and hours: 19-21 August 2013 (9am-5pm)
Fees:
- Basic table-top space (3x3 m²) RM3000
- Mid-size booth space (4x3 m²) RM5000
- Large booth space (6x4 m²) RM7000
- Top space (3x3 m²) RM5000
- Poster size RM90

**VENUE**

The conference will be held at the Bayview Beach Resort, Penang, MALAYSIA.

**ACCOMODATION**

Reservations at the hotel can be arranged by contacting the hotel at:
Telephone: (+604) – 8812123
Facsimile: (+604) – 8812 140 / 8812 955
Email: bayviewgeorgetown@bayviewhotels.com or nina.ahmad@bayviewhotels.com

Relevant information relating to the venue and the island of Penang is accessible via http://www.bayviewhotels.com/beach/ and http://www.visitpenang.gov.my/ respectively.

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- Prof.Dr. Ismail Daut  
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- Dr. Mohd Radzi Mohd Toff (SIRIM)

**FIRST ANNOUNCEMENT and CALL FOR PAPERS**

**BOND21**  
Joint International Conference on Nanoscience, Engineering, and Management  
19-21 August 2013  
Bayview Beach Resort, Penang, MALAYSIA

Jointly Organised by

- Institute of Nano Electronic Engineering (INEE)  
- Institute of Advanced Materials (AMREC)  
- School of Technology Management and Logistics (STML)  
- UniMAP  
- SIRIM  
- UUM

**http://bond21.unimap.edu.my**
INTRODUCTION

BOND21 represents the liaison and integration of three well-established international interface conferences: ICNE (International Conference on Nano-electronics and Education), led by Institute of Nano Electronic Engineering (INEE)), ICNR (International Conference on Nanomaterials and Renewable Energy, led by Advanced Materials Research Centre (AMREC)) and ICGNM (International Conference on Green Nanotechnology Management, led by School of Technology Management and Logistics (STML)), and also supported by the University of Anbar (UOA).

The aim of BOND21 is to provide a platform for discussion and dissemination on all matters pertaining to the development and current issues surrounding main themes of each conference, namely Nano-electronics and Education, Nanomaterials and Renewable Energy, and Green Nanotechnology Management.

RESEARCH

BOND21 is designed to encourage extended free discussion of current results and on-going related research in the separate areas. Topics include, but are not limited to the following areas:

ICNE
- Nanoelectronic preparation & characterization
- Nanoelectronics
- Nanoprobes, nanofabrication and processing of nanoscale materials & devices
- Superlattices, quantum dots, quantum wires, quantum wells,
  Micro & nanoscale thin films
- Nanophysics, nanoptics, nanomagnetism and nanodevices
- Nanosensors and nanointerrogation
- Nanochips, nanofluidics, Nanomachining
- Protein engineering & DNA chips & lab-on chip
- Theory, Simulation and Modeling
- Transducer
- Education of nanoscience

ICNR
- Nanomaterials preparation & characterization
- Nanomaterials processing
- Magnetic, optoelectronic materials
- Nanocomposites
- Fullerenes, nanotubes, nanoporous, nanorods, dendrimers, molecular nanotechnology
- Novel applications in nanomaterials & devices
- Synthesis of nanostructured and nanomaterials
- Nanotechnology in life sciences & environmental technology
- Solar Energy & photovoltaic
- Wind Energy
- Geo-thermal, bio & ocean energy
- Hydropower, Hydrogen & fuel cells
- Energy storage
- Climate change & Sustainability
- Desalination

ICGNM
- Safety & health issue dealing with nanoparticles
- Standardization in nanotechnology
- Life cycles assessment & environmental impact
- Carbon footprint audit
- Green Technology
- Nanotechnology Management in:
  - Agri-business
  - Fossil/renewable energy
  - Green manufacturing
  - Green supply chain management & logistics
  - Green construction
  - Environmental safety
  - Nanotechnology acceptance
  - Nanotechnology adoption
  - Nanotechnology transfer
  - Nano-ethics & society
  - Nano-risk management
  - Intellectual property rights
  - Human capital development & entrepreneurship
  - Waste management

REGISTRATION INFORMATION

The registration fee includes the attendance at all scientific sessions, a program book, lunch, tea breaks, conference materials and conference dinner.

Payments should be made to “BENDAHARI UNIVERSITI MALAYSIA PERLIS” by bank draft, money order, postal order, or personal cheque only and should reach the Conference Secretariat before or on the day of registration of the conference.

The rates are as follows:

- Early Bird*: Student: RM 650, Local Participant: RM 900, International Participant: USD 400
- Normal: Student: RM 800, Local Participant: RM 1100, International Participant: USD 500

*Early bird payment is before 31 May 2013

ABSTRACT/PAPER SUBMISSIONS

The presented papers will be reviewed for consideration to be published in the following:

- Renewable Energy (IF=2.978 in 2012) (Elsevier publisher)
- Solar Energy (IF=2.475 in 2012) (Elsevier publisher)
- International Journal of Nanoelectronics and Materials (IJNeM), indexed by SCOPUS
- Journal of Information and Communication Technology (JICT), indexed by SCOPUS

Deadline for receipt of Abstracts: 31 Jan 2013
Notification of Abstract Acceptance: 31 Mar 2013
Deadline for Full Paper Submission: 15 Jun 2013

CORRESPONDENCE

For further information or queries please contact:
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University Malaysia Perlis (UniMAP)
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REGISTRATION FORM

International Conference on Nanoscience, Engineering, and Management (BOND21)
19-21 AUG 2013
Kuala Lumpur, Malaysia

First or Given Name: ____________________________
Last or Family Name: ____________________________
Title: Prof./Assoc. Prof./Dr./Mr./Ms. (delete as appropriate)
Email: ____________________________
Organization: ____________________________
Job title/Designation: ____________________________

Conference choice: ICNE □, ICNR □, ICGNM □
Telephone: ____________________________ Facsimile: ____________________________
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I wish to attend as: Oral Presenter □ Poster Presenter □ Attendee □ Exhibitor □
Name of the Participant: ____________________________
Title of Contribution: ____________________________
Deadline for receipt of Abstracts: 31 Jan 2013
Notification of Abstract Acceptance: 31 Mar 2013
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I hereby enclose a bank draft/money order/postal order/personal cheque No. ____________________________ made payable to “BENDAHARI UNIVERSITI MALAYSIA PERLIS”.

Completed forms are to be faxed to: +60 4 9798578 and emailed to bond21@unimap.edu.my