

REGISTRATION FORM

TITLE: Prof./Dr./Mr./Ms/Others :

Name :

Institution :

Mailing Address :

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Phone :

Fax :

(H/P) :

Email :

Date :

Signature :

Please forward your participation form to:

**EQuaLS3 ORGANIZING COMMITTEE
INSTITUTE FOR MATHEMATICAL RESEARCH
UNIVERSITI PUTRA MALAYSIA
43400UPM SERDANG, SELANGOR,
MALAYSIA**

PHONE: +603-8946 8459/6878

FAX : +603-8942 3789

**EMAIL : hisham@putra.upm.edu.my
noryusniza@gmail.com**

Online Registration:

<http://einspem.upm.edu.my/equals3>

ACCOMMODATION

Participants may wish to book their own accommodation at the following recommended hotels which are close to the university campus.

Mines Wellness Hotel

Phone : 603-8943 6688

<http://mineswellnesshotel.com.my/>

Equatorial Bangi-Putrajaya Hotel

Phone: 603-8210 2222

www.equatorial.com

Marriott Putrajaya Hotel

Phone: 603-8949 8888

www.marriottputrajaya.com

Palm Garden Hotel

Phone: 603-8943 2233

www.palmgarden.com.my

Residence Hotel @ Uniten, Bangi

Phone: 603-8922 2088

www.residenceatuniten.com

For further details please contact :

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Institute for Mathematical Research
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Expository Quantum Lecture Series 3 (EQuaLS3)

"Quantum Information Science 2009"

9-13 November 2009

Al-Khawarizmi Seminar Room,
Mathematics Building,
Faculty of Science,
Universiti Putra Malaysia

Jointly Organized by:

Laboratory of Computational Sciences
and Informatics,
Institute for Mathematical Research,
Universiti Putra Malaysia
&
Department of Physics,
Faculty of Science,
Universiti Putra Malaysia

INTRODUCTION

Expository Quantum Lecture Series (EQualS) is a series of lectures conducted by members of Laboratory of Computational Sciences and Informatics, Institute for Mathematical Research and Physics Department, Faculty of Science. The main objective of this lecture series is to rapidly introduce and update researchers and students with the latest developments and techniques in quantum science and technology or related areas.

The first series of EQualS began in 2007 with the theme "Geometry, Number Theory and Quantum Physics 2007" (see webpage of [EQualS1](#)). This is followed by "Foundations of Quantum Science and Technology 2008" (see webpage of [EQualS2](#)) in 2008. This year's theme will be "Quantum Information Science 2009". It is well-known that quantum physics has radically change the way we look at the physical world. Many new discoveries are based on quantum physics but it was only relatively recent that quantum physics is known to change the way we look at information. Today, the area of quantum information has now become a hotly pursued area by many research groups all around the world, transgressing boundaries of traditional physics, mathematics and computer/information science. This year's lecture series hopes to give a glimpse of (parts of) quantum information science. Speakers of international repute will give quick expositions of topics of current interest in quantum information.

REGISTRATION FEES

REGISTRATION FEES (inclusive of lecture materials, lunch and tea breaks)

Early Bird Registration (before 15th October 2009)

MALAYSIAN	OTHER COUNTRIES
Student : RM300	Student : USD150
Non-Student : RM600	Non-Student : USD250

Late Registration (after 15th October 2009)

MALAYSIAN	OTHER COUNTRIES
Student : RM400	Student : USD200
Non-Student : RM700	Non-Student : USD300

Payment shall be made in cheque payable to BENDAHARI UPM or cash before or on the day of the event.

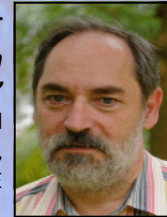
WHO SHOULD ATTEND

All researchers and students interested in problems of related physical sciences, computer science and mathematics.

INVITED SPEAKERS



T. DURT
"Applications of the Generalized Pauli Group in Quantum Information Science"
Department of Applied Physics and Photonics (TONA), Universiteit Brussel, BELGIUM



B. G. ENGLERT
"Mutually Unbiased Bases: Applications in Quantum Information"
Centre for Quantum Technologies and Department of Physics, National University of Singapore, SINGAPORE



B. C. HIESMAYR
"Entanglement and Its Manifestations in High Energy Physics"
Faculty of Physics, University of Vienna, AUSTRIA



L. C. KWEK
"Quantum Entanglement and Entanglement Witnesses"
Centre for Quantum Technologies and Department of Physics, National University of Singapore, SINGAPORE

INVITED SPEAKERS

S. WEIGERT
"Mutually Unbiased Bases: Existence and Non-Existence"
Department of Mathematics, University of York, UNITED KINGDOM



M. SUHAIL ZUBAIRY
"Quantum Interference: From Quantum Eraser to Sub-Wavelength Microscopy"
Institute for Quantum Studies, Texas A & M University, TEXAS



MASAHITO HAYASHI
"Quantum Key Distribution"
Kyoto University, JAPAN

"Limited places are open for contributed talks and posters for interested participants by writing to the secretariat"

