

## REGISTRATION FORM

### INTERNATIONAL UNITEN-UNIVERSITY OF BORDEAUX-UKM WORKSHOP ON NUCLEAR FUNDAMENTALS 2017

27<sup>th</sup>. – 29<sup>th</sup>. November 2017

NAME: \_\_\_\_\_

\_\_\_\_\_

POSITION: \_\_\_\_\_

COMPANY/INSTITUTION: \_\_\_\_\_

\_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

TEL: \_\_\_\_\_

FAX: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

Email: [Madiah@uniten.edu.my](mailto:Madiah@uniten.edu.my) or fax: 03-89212116 (Attn: Ms. Madiah Mujaini)

40 participants are allocated for this workshop and registration is based on first come first serve basis.

Receipts will be provided at the on-site registration counter.  
**Deadline for registration: 20<sup>th</sup>. November 2017.**

### Main Topics:

- *Nuclear Fission: Main Concepts, Theoretical Approaches and Experimental Facts*
- *Nuclear Data Measurement for Nuclear Reactor Physics*
- *Pigmy and Giant Resonances in Nuclei*
- *Neutron Beam Applications at TRIGA PUSPATI Reactor (RTP)*
- *Nuclear Fuel Cycle & Waste Management*
- *Thorium Fueled Nuclear Reactor & Small Medium Reactor (SMR)*
- *Nuclear Safety Challenges and Future Technologies*
- *Introduction to Monte Carlo Approach in Neutronics Simulation*

### Lecturers:

1. *Prof. Dr. Phillippe Quentin (Centre d'Etudes Nucléaires de Bordeaux Gradignan (CENBG), Université de Bordeaux, France)*
2. *Dr. Ludovic Mathieu (CENBG, Université de Bordeaux, France)*
3. *Prof. Claude Guet, (Energy Research Institute, Nanyang Technological University (NTU), Singapore)*
4. *Dr. Faridah Mohamad Idris (Malaysian Nuclear Agency)*
5. *Prof. Dr. Shahidan Radiman (UKM)*
6. *Assoc. Prof. Dr. Khoo Kok Siong (UKM)*
7. *Dr. Syazwani Mohd Fadil (UKM)*
8. *Dr. Mohd Syukri Yahya (UNITEN)*
9. *Dr. Hassan Mohamed (UNITEN)*
10. *Mr. Anas Muhamad Pauzi (UNITEN)*

## International UNITEN-University of Bordeaux-UKM Workshop on Nuclear Fundamentals 2017



**Date:** 27<sup>th</sup>. – 29<sup>th</sup>. November 2017

**Venue:** College of Engineering, Universiti Tenaga Nasional (UNITEN)

**Jointly organized by:**

**UNITEN, University of Bordeaux & UKM**

**Supported by:**

**Embassy of France, Kuala Lumpur, Malaysia**

**Malaysian Nuclear Society (MNS)**



université  
de **BORDEAUX**

## Introduction

The College of Engineering at Universiti Tenaga Nasional (UNITEN) together with Universiti Kebangsaan Malaysia (UKM) are bestowed the honor of organizing the International UNITEN-University of Bordeaux-UKM Workshop on Nuclear Fundamentals 2017 (IWNF2017).

The objectives of this workshop are to disseminate nuclear science and engineering knowledge, enhance human resource development in the field of nuclear science and engineering in Malaysia, and strengthen the network of nuclear scientists and engineers.

The IWNF2017 is open to industry practitioners, government officers, academicians, researchers and post-graduate students in the field of nuclear science and engineering. Your participation is greatly anticipated.

The organizing of IWNF2017 is also supported by the France Embassy, Kuala Lumpur and the Malaysian Nuclear Society (MNS).

## Enquiries

For further details, please contact:

Mr. Anas Muhamad Pauzi, College of Engineering, Universiti Tenaga Nasional, Jalan IKRAM-UNITEN, 43000 Kajang, Selangor, Malaysia.

Tel: 03-89212020

E-mail: [Anas@uniten.edu.my](mailto:Anas@uniten.edu.my)

## Registration

The full registration fee is RM300 and post-graduate student is offered for RM100. It covers tea, lunches and handouts of the lectures. Participants are advised to arrange their own accommodation. Registration can be made through Ms. Madihah via email: [Madihah@uniten.edu.my](mailto:Madihah@uniten.edu.my) or fax: 03-89212116.

**Deadline for registration: 20<sup>th</sup>. November 2017**

## Method of Payment

Cash/cheque or bank draft payable to **Persatuan Nuklear Malaysia**. The secretariat will issue a receipt once the payment has been made.

## Workshop Schedule

### Day 1: 27<sup>th</sup>. November 2017 (Monday)

08:30 – 09:00 : Registration

09:00 – 09:15: Opening Ceremony

09:15 – 09:30: Introduction & Briefing

09:30 – 10:00: Tea-break

10:00 – 11:00: Nuclear Fission: Main Concepts, Theoretical Approaches and Experimental Facts I, Prof. Dr. Phillippe Quentin (CENBG)

11:00 – 12:00: Neutron Beam Applications at TRIGA PUSPATI Reactor (RTP), Dr. Faridah Mohamad Idris (Malaysian Nuclear Agency)

12:00 – 13:00: Nuclear Data Measurement for Nuclear Reactor Physics I, Dr. Ludovic Mathieu (CENBG)

13:00 – 14:00: Lunch break

14:00 – 15:00: Nuclear Fission: Main Concepts, Theoretical Approaches and Experimental Facts II, Prof. Dr. Phillippe Quentin (CENBG)

15:00 – 16:00: Pigmy and Giant Resonances in Nuclei, Prof. Dr. Shahidan Radiman (UKM)

16:00 – 17:00: Nuclear Data Measurement for Nuclear Reactor Physics II, Dr. Ludovic Mathieu (CENBG)

17:00 – 17:30: Tea-break & Adjour

### Day 2: 28<sup>th</sup>. November 2017 (Tuesday)

09:00 – 10:00: Nuclear Fuel Cycle & Waste Management I, Assoc. Prof. Dr. Khoo Kok Siang (UKM)

10:00 – 10:30: Tea-break

10:30 – 11:30: Nuclear Fuel Cycle & Waste Management II, Dr. Syazwani Mohd Fadil (UKM)

11:30 – 13:00: Nuclear Safety Challenges and Future Technologies I, Prof. Claude Guet (NTU) & Dr. Mohd Syukri Yahya (UNITEN)

13:00 – 14:00: Lunch break

14:00 – 15:00: Nuclear Fission: Main Concepts, Theoretical Approaches and Experimental Facts III, Prof. Dr. Phillippe Quentin (CENBG)

15:00 – 16:00: Nuclear Data Measurement for Nuclear Reactor Physics III, Dr. Ludovic Mathieu (CENBG)

16:00 – 17:00: Thorium Fueled Nuclear Reactor & SMR, Dr. Hassan Mohamed (UNITEN)

17:00 – 17:30: Tea-break & Adjour

### Day 3: 29<sup>th</sup>. November 2017 (Wednesday)

09:00 – 10:30: Nuclear Safety Challenges and Future Technologies II, Prof. Claude Guet (NTU) & Dr. Mohd Syukri Yahya (UNITEN)

10:30 – 11:00: Tea-break

11:00 – 12:30: Introduction to Monte Carlo Approach in Neutronics Simulation; Dr. Hassan Mohamed & Mr. Anas Muhamad Pauzi (UNITEN)

12:30 – 13:00: Closing

13:00 – 14:30: Lunch

14:30 – 17:00: Visit to TRIGA PUSPATI Reactor (RTP) & Putrajaya Excursion

## Organizing Committee

### Patron

Prof. Dato' Ir. Dr. Kamal Nasharuddin Mustapha, Vice Chancellor Universiti Tenaga Nasional (UNITEN)  
Prof. Datuk Dr. Noor Azlan Ghazali, Vice Chancellor Universiti Kebangsaan Malaysia (UKM)

### Advisor

Prof. Dr. Izham Zainal Abidin, Dean, College of Engineering, Universiti Tenaga Nasional (UNITEN)  
Prof. Dr. Shahidan Radiman, Senior Professor, School of Applied Physics, Universiti Kebangsaan Malaysia (UKM)

### Chairman

Assoc. Prof. Dr. Nasri A. Hamid (UNITEN)

### Co-Chairman

Assoc. Prof. Dr. Faizal Bin K.P. Kunchi Mohamed (UKM)  
Assoc. Prof. Abdul Aziz Mohamed (UNITEN)

### Secretary / Assistant Secretary

Mr. Anas Muhamad Pauzi / Dr. Juniza Md Saad

### Treasurer / Assistant Treasurer

Persatuan Nuklear Malaysia / Ms. Madihah Mujaini

### Members

#### UNITEN:

Assoc. Prof. Dr. Siti Fazlili Abdullah  
Dr. Mohd Syukri Yahya  
Dr. Hassan Mohamed  
Ms. Rogemah Ramli  
Hj. Zainudin Yahya

#### UKM:

Assoc. Prof. Dr. Khoo Kok Siang  
Dr. Syazwani Mohd Fadil