

## INQUIRY

For Seminar details, please contact:

**Malaysian Radiation Protection Association (MARPA),**  
Suite 23005, Block 23,  
Malaysian Nuclear Agency (Nuclear Malaysia),  
Bangi, 43000 KAJANG, Malaysia.  
(Attn: Mohd Sidek Othman)  
Tel: 019 3228 139

OR **Malaysian Nuclear Agency (Nuclear Malaysia),**  
Bangi, 43000 KAJANG, Malaysia.  
(Attn: Syazlin / Harni / Syazwani / Hadza)  
03-8911 2000 ext: 2607 / 2606 / 2601 / 2609  
019-3434 122  
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wan\_syazlin@nm.gov.my  
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nursyazwani@cc.nm.gov.my  
hadza@nm.gov.my

For exhibition detail please contact:

Secretariat  
Ilham / Amry / Khairul Anuar  
**Malaysian Nuclear Agency (Nuclear Malaysia),**  
Bangi, 43000 KAJANG, Malaysia.  
03-8911 2000 ext: 1231 / 1226 / 1547  
mukriz@nm.gov.my  
amry@nm.gov.my  
khairul\_anuar@nm.gov.my

Walk-in participants will also be admitted on a space available basis.  
Early application is welcome.

**THIS EVENT IS ALSO OPEN  
TO GENERAL PUBLIC**

## REGISTRATION FORM FOR PARTICIPANT & EXHIBITORS NDT 400

**PLEASE REGISTER THE FOLLOWING  
NAME(S) FOR EVENT NAME**  
(As In I.C or Passport, To Be Printed on Certificate)

Full Name													
PASSPORT No.													
I.C.No.	NEW												
Package(ticket ✓)	A	B	C	D	E	F	G	H					
Meal Restriction (Special Diet)													
MARPA Membership Number													
The fee of RM	(Bankdraft/Money Order/Cheque/L.O.) payable to MALAYSIAN RADIATION PROTECTION ASSOCIATION (MARPA) is enclosed herewith												
Name of Approving Manager													
Designation													
Company Name & Address	Company Stamp												
Telephone							Fax						
Email													

Please photocopy for additional participant

\*Early Bird Deadline: 30th June, 2017.

Please send completed form and registration fee to:  
**Director General**  
**Malaysian Nuclear Agency (Nuclear Malaysia)**  
Bangi, 43000 Kajang, Malaysia.  
(Attn: Training Centre)

www.nuclearmalaysia.gov.my

# SPECIAL SEMINAR on ADVANCED NDT TECHNOLOGIES



www.marpa.org.my

M.S Garden Hotel,  
Kuantan Pahang

**1-2**  
August 2017

### HIGHLIGHTS

- Advanced NDT methods and techniques
- Application of the advanced NDT
- Training, standard and Certification
- Recent professional practices

Organiser



Co-Organiser



Supported by



## PREFACE

Advanced NDT technologies have been the talk of the industries in Malaysia for its acceptance and practical applications to evaluate critical components' integrity and fit for purpose before and during service. With the incorporation of fast computer algorithms, effective electronics, and sophisticated sensors, have facilitated the improvement in defect detection and measurement capabilities, and state-of-the-art result representation by advanced NDT techniques. Such features require trained and qualified personnel that not only able to operate but also understand the limitation of the technology. Similar to conventional NDT, advanced NDT techniques do have its own advantages and disadvantages which often complemented. 27% increment in published advanced NDT technology articles suggests great demand and future for advanced NDT technologies, worldwide.

This special seminar is being organized to fulfil the current industries' interest and aims to provide the way forward for advanced NDT applications. It will be the most suitable platform where industrial demands and technology solutions meets. This seminar is set to bring and showcases the existing, applicability, and true potential of advanced NDT technologies and applications. It will cover not only Oil and Gas industries but also Aerospace, Railways, and Power Generations.

Not only will there be mind-boggling sessions and discussions at this 2-day seminar, but there will also be demonstrations and information booths to give participants more knowledge and benefits.

Join us... and be part of the advancement in NDT.

## OBJECTIVE

- To disseminate information on the current and future needs of advanced NDT inspection
- To provide market outlook and demand of advanced NDT in the region
- To keep abreast the state-of-the-art advanced NDT system and its application
- To share the knowledge and experience by practitioner and subject matter of advanced NDT field

## PROGRAMME OUTLINE

### DAY 1 Tuesday, 1 August

08:30 Registration  
09:00 Welcoming Address  
09:05 Official Opening  
09:20 Coffee Break

#### SESSION I

09:45 **Keynote 1**  
Advanced NDT application for Petronas - Mr Wan Abdullah Wan Hamat  
10:45 **Speaker 1**  
DIR based inspection for weldments and wall thickness measurement (Malaysian Nuclear Agency)  
11:30 **Speaker 2**  
Acoustic emission (AE) Technology and Application (Vallen Systeme GmbH)  
12:15 **Speaker 3**  
Advanced NDT Application in Railway Industry (Keretapi Tanah Melayu Berhad)  
13:00 Lunch

### DAY 2 Wednesday, 2 August

#### SESSION III

08:45 **Keynote 3**  
Advanced NDT Application in Aerospace Industry (Epic Aero Engineering Sdn.Bhd)  
09:45 **Speaker 7**  
Digital Industrial Radiography in Aerospace Industry (UMW Aerospace)  
10:30 **Refreshment**  
**Speaker 8**  
Phased Array Ultrasonic Technology (Olympus)  
11:30 **Speaker 9**  
Case Study on Advanced NDT Application in Power Generation Industry (TNB Research)  
12:20 Lunch

#### SESSION II

14:00 **Keynote 2**  
Advanced NDT for the competitiveness and sustainability of the industry (Malaysian Society for NDT)  
15:00 **Speaker 4**  
Pulsed Eddy Current (PEC) Application for CUI, CUF, Corrosion Scabs and FAC (Eddyfi)  
15:45 **Refreshment**  
16:00 **Speaker 5**  
Prospective of DDA Application in Aerospace Industry (GE Technologies)  
16:45 **Speaker 6**  
Malaysian Skills Certificate (SKM) on Advanced NDT (Department of Skills Development)  
17:30 End of day 1

#### SESSION IV

14:00 **Keynote 4**  
Current and Future needs of Advanced NDT in Power Generation Industry (Damask Materials Solution Sdn Bhd)  
15:00 **Speaker 10**  
Experience Utilizing Computed Radiography in Oil and Gas Industry (Lott Inspection Sdn Bhd)  
15:45 **Refreshment**  
16:00 **Speaker 11**  
Application of Magnetic Flux Leakage in Industry (Premier Exhibitor)  
16:45 **Speaker 12**  
Overview on Phased Array Ultrasonic Techniques (Malaysian Nuclear Agency)  
17:30 End of Seminar

## CLOSING DATE

Closing date for booking is 14 July 2017. Early application is welcome. Walk in participants with payment will only be admitted on a space available basis

## SEMINAR & EXHIBITION FEE

Seminar Package	Fees (RM)			
	Fees only		Fees with accommodation	
Single registration per pax	A	RM 825.00	B	RM 1,635.00
Team discount per pax / MARPA member (2 or more registration from the same organisation)	C	RM 780.00	D	RM 1,590.00
Early Bird Rate (Early Bird Deadline : 30 th June,2017)	E	RM 700.00	F	RM 1,510.00
<b>Exhibition Package</b>				
Premier (8x10')	G	RM 7,000.00		
Gold (8x10')	H	RM 4,000.00		

Fee inclusive of seminar materials, luncheons and light refreshments. Fee must be paid in advanced through L.O / Cheque / bank draf / money order, payable to **Malaysian Radiation Protection Association (MARPA)**

Payment can also be made directly into MARPA account, **CIMB Country Heights Branch (8002885317)**, Swift code: **CIBBMYKL**. Please retain the bank slip to be tendered during the registration day as approve of payment.

Those who opted for the accommodation, **check in date is on 31 July 2017** and **check out is on 03 August 2017**. Normal check in time is from **14.00 hours** and **check out time is 12.00 noon**.

## EXHIBITION

A technical exhibition will be held in conjunction with the technical sessions within the seminar venue. Participants will be provided with the opportunity to witness and have a direct discussion on the capabilities as well as potential applications of advanced NDT technology. The exhibition will be a platform for companies, consulting and research organisations to display and demonstrate their activities and services related to advanced Nondestructive testing field. Interested organisations are encouraged to participate in the exhibition.

## WHO SHOULD ATTEND

Those who are interested and involved in inspection, maintenance, research and education such as users, service providers, training providers, safety officers, consultants, inspection engineers, scientists, researchers, academicians, technologists, inspectors, instructors, equipment suppliers, manufacturers and other practitioners in NDT and other related field.