

The 2nd Symposium on Failure Analysis and Inspection for Materials and Products of ASEAN Countries



16 – 18 August 2017

Venue: Le Lotus 1 Room, Swissotel Le Concorde, Bangkok, Thailand



16 August 2017

Time	Topic	Speaker
08.30 – 09.30	Registration	
09.30 – 09.50	Welcome Remarks and Opening Session	
09.50 – 10.00	Presentation of tokens of appreciation and group photo session	
10.00 – 10.15	Coffee Break	
10.15 – 11.00	Keynote: Recent Topics on the Study of Hydrogen Embrittlement in Metals for Hydrogen Energy Systems	Assoc. Prof. Keitaro Horikawa Osaka University JAPAN
11.00 – 11.30	Investigation of Natural Gas Pipe Failure Via Numerical and Experimental Analysis	Prof. Rahmat Mohsin UTM-MPRC Institute for Oil and Gas MALAYSIA
11.30 – 12.00	Enhancement of Ultrasonic Testing Reliability on the Thermal Fatigue Cracking and Stress Corrosion Cracking observed in the Nuclear Power Plants	Prof. SangYul Lee Korea Aerospace University REPUBLIC OF KOREA
12.00 – 13.00	Lunch	
13.00 – 13.45	Keynote: Advanced Transducers, Ultrasonic and Photo-acoustic Non-Destructive Testing for Material State Awareness	Prof. Yao Kui Agency for Science, Technology and Research, SINGAPORE
13.45 – 14.15	Case Study: How to Integrate Computational Fluid Dynamics (CFD) and Failure Investigation to Solve Problem in Refinery	Mr. Thalerngsak Trachoo The Bangchak Petroleum Public Company Limited, THAILAND
14.15 – 14.45	Today's Concrete Industry in Myanmar	Prof. Khin Su Su Htwe Yangon Technological University MYANMAR
14.45 – 15.00	Coffee Break	
15.00 – 15.30	Metallurgical Failure Investigation of a Separator Vessel	Mr. Nelson L. Tumibay Metals Industry Research and Development Center, PHILIPPINES
15.30 – 16.00	Failure Analysis of Exchanger Tube Fracture Caused by Fluctuation Temperature in Low Temp Service	Mr. Thana Kurusatienporn, PTT Global Chemical Public Company Limited, THAILAND

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09.00 – 09.30	Registration	
09.30 – 10.15	Keynote: Failure Investigations on Power Plant Components	Prof. Judha Purbolaksono Universiti Teknologi Brunei BRUNEI DARUSSALAM
10.15 – 10.45	Mechanical Properties of LPSO-type High-Strength Magnesium Alloys	Prof. Yoshihito Kawamura Kumamoto University JAPAN
10.45 – 11.00	Coffee Break	
11.00 – 11.30	Inspection and Monitoring of Bond Line Defects in Composite Structures using Ultrasonic Feature Guided Waves	Asst. Prof. Zheng David Fan Nanyang Technological University SINGAPORE
11.30 – 12.00	Failure Analysis of Fired Heater Header	Mr. Tanapat Kaewmaneeikul PTT Maintenance and Engineering Company Limited, THAILAND
12.00 – 13.00	Lunch	
13.00 – 13.45	Keynote: Failure Investigation on Type II CNG Pressure Vessels	Prof. Kee Bong Yoon Chung Ang University REPUBLIC OF KOREA
13.45 – 14.15	Alloy Development Methodology and Deformation of Ti Alloys in Aerospace	Prof. Donald S Shih Magnesium Research Center Kumamoto University, JAPAN
14.15 – 14.30	Coffee Break	
14.30 – 15.00	Metallurgical Failure Analysis of Sugarcane Pressing Shaft	Dr. Sumate Poomiapiiradee Thailand Institute of Scientific and Technological Research, THAILAND
15.00 – 15.30	Failure Analysis of Super-heater Tube in Refinery	Assoc. Prof. Le Thi Hong Lien Institute of Materials Science VIETNAM

18 August 2017

09.00 – 12.00	Visit MPAD Laboratories at TISTR Technopolis, Pathum Thani province
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