

Agenda: FAIM 2018
The 3rd ASEAN Conference on
Failure Analysis and Inspection for Materials and Products 2018
28 – 29 June 2018
Venue: Cholchan Pattaya Beach Resort, Chonburi, Thailand

Thursday 28th June 2018

Time	Topic	Speaker
08.00 – 08.45	Registration (Upload Proceeding file at registration desk)	(Rimtalay Room at 1 st floor)
08.45 – 09.15	Welcome Remarks and Opening Ceremony	Mr. Wirach Chantra Deputy Governor for Industrial Services, Thailand Institute of Scientific and Technological Research
-	Session 1: Case Studies of Failures in Industries	Session Chair: Assoc. Prof. Le Thi Hong Lien Center of Materials and Failure Analysis, Institute of Materials Science, VIETNAM
09.15 – 10.00	1. Keynote: (to be confirmed)	Prof. Judha Purbolaksono Universiti Teknologi Brunei, BRUNEI DARUSSALAM
10.15 – 10.30	Coffee Break	
10.30 – 11.00	2. (to be confirmed)	Mr. Dao Chi Tue Center of Materials and Failure Analysis, Institute of Materials Science, VIETNAM
11.00 – 11.30	3. Failure Analysis of Gland Flange of Gate Valve in Acetic Acid Pipeline	Ms. Jiraporn Maneeporm Thailand Institute of Scientific and Technological Research, THAILAND
11.30 – 12.00	4. A Case Study of Failure Analysis of Steam Boiler Sight Ports using Finite Element Analysis	Dr. Piyamon Poapongsakorn Center of Materials Engineering and Performance, Thammasat University, THAILAND
12.00 – 13.00	Lunch	
-	Session 2: Structural and Architectural Failures	Session Chair: Dr. Chatuporn Po-sri Thailand Institute of Scientific and Technological Research, THAILAND
13.00 – 13.45	5. Keynote: Failure Investigation and Prevention of Type II CNG Pressure Vessels	Prof. Kee Bong Yoon Energy Safety Research Institute, Chung Ang University, KOREA
13.45 – 14.15	6. Structural Behavior of Steel Fibre Reinforced Concrete and Its Failure Patterns in Flexural Member	Prof. Khin Su Su Htwe Department of Civil Engineering, Yangon Technological University, MYANMAR
14.15 – 14.45	7. (to be confirmed)	(to be confirmed) Crest Nanosolution (Thailand) Company Limited, Thailand
14.45 – 15.00	Coffee Break	
15.00 – 15.30	8. Investigation of the Horizontal Split-Web for R350HT at Thermite Welding	Mr. Kittiphong Nimakorn Department of Materials Engineering, Faculty of Engineering, Kasetsart University, THAILAND
15.30 – 16.00	9. Study of Corrosion Resistance of Stainless Steel AISI430 Coated by Slurry Aluminizing in Molten Nitrate Salt	Ms. Paweena Treewiriyakitja High-Temperature Corrosion Research Centre KMUTNB, THAILAND

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Time	Topic	Speaker
09.00 – 09.30	Registration	(Rimtalay Room at 1 st floor)
-	Session 3: Maintenance, Reliability and Prevention	Session Chair: Prof. Judha Purbolaksono Universiti Teknologi Brunei, BRUNEI DARUSSALAM
09.30 – 10.15	10. Keynote: (to be confirmed)	Assoc. Prof. Thira Jearsiripongkul Thammasat University, THAILAND
10.15 – 10.45	11. Digitized Evaluation of Welder Performance in Cyclogram and Neural Network Analysis	Mr. Seamkong Kouch Mahidol University, THAILAND
10.45 – 11.00	Coffee Break	
11.00 – 11.30	12. Case Study - An Innovative Toolkit for Optimizing Rotating Equipment Performance and Reliability	Mr. Teerapob Thuenthamkaew PTT Energy Solutions Company Limited THAILAND
11.30 – 12.00	13. Online Welding Quality Based on Feature Extraction of Arc Voltage Signal and Arc Current Signal	Mr. Fuad Mahfudianto Mahidol University, THAILAND
12.00 – 13.00	Lunch	
-	Session 4: Materials and Structural Inspections	Session Chair: Dr. Eakkachai Warinsirirak Mahidol University, THAILAND
13.00 – 13.45	14. Keynote: Lightweight Structures – Physical Metallurgy and Applications of Mg, Al and Ti Alloys	Distinguished Prof. Donald S Shih Magnesium Research Center, Kumamoto University, JAPAN
13.45 – 14.15	15. Hybrid Flying and Walking Robot for Steel Structure Inspection	Asst. Prof. Photchara Ratsamee Cyber Media Center, Osaka University, JAPAN
14.15 – 14.45	16. Detection of Corrosion under Insulation and Corrosion under Fire Proofing by using Pulsed Eddy Current Inspection Technique	Mr. Puripong Klamdith PTT Maintenance and Engineering Company Limited, THAILAND
14.45 – 15.00	Coffee Break	
15.00 – 15.30	17. (to be confirmed)	Assoc. Prof. Le Thi Hong Lien Center of Failure Analysis, Institute of Materials Science, VIETNAM
15.30 – 16.00	Closing session	Mr. Wirach Chantra Deputy Governor for Industrial Services, Thailand Institute of Scientific and Technological Research



Organized by
Material Properties and Failure Analysis Laboratory (MPF)
Material Properties Analysis and Development Centre (MPAD)
Thailand Institute of Scientific and Technological Research (TISTR)