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COMPOSITE TECHNOLOGY SEMINAR & EXPERT FORUM SINGAPORE

Monday 10th, February 2020
9:00 - 18:00

Organizers :

Dr Hamid Saeedipour
Ms Rachel Ng
Dr George Kanterakis

RP School of Engineering
Melchers (Singapore / Germany)
GMI Aero (France)

Venue : Concorde Hotel - Singapore





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Hour	Topic	Speaker	Title, Company
08:00 09:00	Arrival of speakers, Participants & Guests Registration and Sitting in the Venue		
09:00 09:05	Official Welcome, Announcement of Seminar Program	Dr George Kanterakis	R&I Director GMI Aero
09:05 09:20	Opening Adress & Welcome Speech Engineering Capabilites, Industry Collaboration & Conexus Activities	Mr Ramanathan Mohandas	Assistant Director in Capability & Industry, (SEG) / RP
09:20 10:00	Evolution & Challenges in Aircraft Composite Repair, Towards Industry 4.0	Dr George Kanterakis	R&I Director GMI Aero
10:00 10:15	Fabrication of Composite Carbon-fiber Spars for a New Aircraft	Mr Chia Thien Fook	CEO, Admiralty International Pte Ltd
10:15 10:30	Automated Solutions in Composites Requirement and Planning	Mr B. Paul van IJsselstein	CEO, Stratagem Group (The Netherlands)
10:30 10:45	Availability of Composite Materials & Consumables for Aircraft MRO Centers	Mr Rick Van Opdorp	ACRATS Training Services BV (The Netherlands)
10:45 11:00	Expert's Forum - Panel Discussion with 4 speakers on stage		
11:00 11:20	Tea Break - Networking		
11:20 11:35	Skills for Tomorrow's Technicians in Aircraft Composites	Mr Rick Van Opdorp	ACRATS Training Services BV (The Netherlands)

Hour	Topic	Speaker	Title, Company
11:35 11:50	Functional Applications of Advanced Composites	Dr Valavan S	Assistant Director, School of Applied Science, Republic Polytechnic
11:50 12:05	Inspection and Analysis of Composite Structure Defects	Dr Dmitry Vladimirovich Sakov	Co-founder and CTO of Lathecond Technologies
12:05 12:20	New Advances in Composite Materials	Associate Prof Dr Eugene Wong	Director of Operations, Newcastle University in Singapore (NUIs)
12:20 12:35	Expert's Forum - Panel Discussion with 4 speakers on stage		
12:35 13:45	Lunch - Networking		
13:45 14:00	Advanced Composite Repair Training in Aerospace MRO and Manufacturing – UniKL MIAT Expansion and Aspiration	Assoc. Prof. Dr. Khairul Dahri Mohd Aris	Deputy Dean Academic & Technology, Advanced Composite Research Cluster, UniKL MIAT (Malaysia)
14:00 14:15	Why the industry needs new knowledge to drive repair of fibre composite materials	Associate Prof Dr Goh Kheng Lim	Director in Research, Newcastle Research & Innovation Institute (NEWRIiS)
14:15 14:30	Automated Solutions in Composites LAIRD Project Management	Dr Ethan Jun Yi Goh	LAIRD Program Manager, Composite Cluster Singapore (CCS)
14:30 14:45	Best Practices in Composite Additive Manufacturing with Simulation Technology	Dr Yannapol Oak	Technical Consultant, CAD-IT Consultants (Asia) Pte Ltd

WITH DISTINGUISHED SPEAKERS FROM :



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Polymer Technologies Pte Ltd



Newcastle University

UK | Malaysia | Singapore

Newcastle Research & Innovation Institute





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Hour	Topic	Speaker	Title, Company
14:45 15:00	Expert's Forum - Panel Discussion with 4 speakers on stage		
15:00 15:15	NDT Solutions for the Inspection of Thick Composite Components	Mr Dennis Chai Tien Shung	NDT Application Manager, Olympus Singapore Pte Ltd
15:15 15:30	Automatic Crack Detection for Composite Structure using AI Based Image Processign Method	Dr Jiang Lijun	Senior Lecturer, School of Engineering, Republic Polytechnic
15:30 15:45	Additive Manufacturing and Rapid Prototyping of Composite Structures	M Loh Chi Jie	Siege Advanced Manufacturing
15:45 16:00	Composite Materials for Fabrication and Repair	Mr Rameshkumar Mr Walter Sng	Manager, Polymer Technologies Pte Ltd
16:00 16:15	Expert's Forum - Panel Discussion with 4 speakers on stage		
16:15 16:35	Tea Break - Networking		
16:35 17:00	New Advances in Testing & Repair of Various Damages in Aircraft Composite Structures	Dr Hamid Saeedipour	Principal Lecturer (Industry) School of Engineering, RP
17:00 17:50	Demonstration of Composite Repair Innovative Equipment & Solutions	Mr Konstantinos Kitsianos	R&I Engineer, GMI Aero
17:25 17:30	Closing Announcement of Seminar & Ending the Programme		

Venue

CONCORDE HOTEL SINGAPORE

100 Orchard Rd, Singapour 238840

