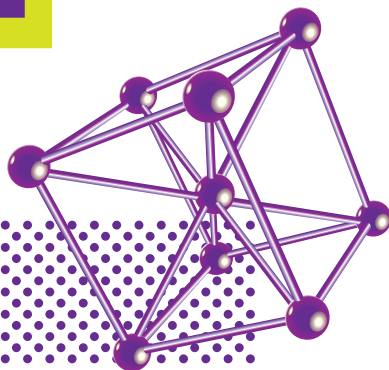


PLASTICS CONFERENCE 2016

Injecting Innovation • The Future of Plastics Technologies

4 NOVEMBER 2016

CHAMBER 1A & 1B, INNOCENTRE



Organiser :

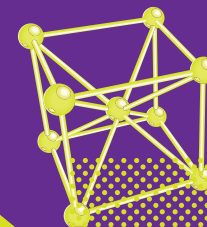


Implementation Agent :



Funded by
SME Development Fund :





PROGRAMME



TIME



ACTIVITIES

09:30

Registration

10:00

Welcome Speech

Eric Sun

Chairman

Hong Kong Plastics Manufacturers Association

10:05

Opening Speech by Guest-of-Honour

The Honourable Nicholas W. Yang, JP

Secretary for Innovation and Technology

HKSAR Government

10:15

Presentation of Souvenirs to all Guest Speakers & Group Photo-Taking

10:20

Keynote 1: Polycarbonate Solution for Medical Device Innovation

Marina Lee

Senior Marketing Manager

Covestro (Shanghai) Management Co., Ltd.

11:00

Keynote 2 : Plastics at Play for Healthy Living – Green, Safe and Inherently Germ-repellent

Dr Richard Lau

Assistant Technical Manager

Nano and Advanced Materials Institute

11:40

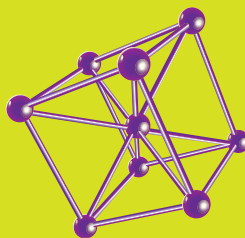
Panel Discussion & Q&A



TIME



ACTIVITIES



12:00 Lunch (VIP lunch for speakers)

14:00 Showcases & Registration

14:30 **Keynote 3 : Optical Clear Liquid Silicone Rubber Application**

Hee-Seok Hwang
Senior Project Manager, Marketing
Momentive Performance Materials Inc.

15:10 **Keynote 4 : New Self-Bonding Liquid Silicone Rubber Technology**

Bill Deng
Regional Technical Marketing Manager, Elastomer
Momentive Performance Materials Inc.

15:50 **Keynote 5 : An Overview of Advanced Composite Materials and Their Industrial Applications**

Dr Stephen Lee
Adjunct Associate Professor of Mechanical and
Aerospace Engineering
Associate Director of Advanced Engineering Materials Facility
The Hong Kong University of Science and Technology

16:30 **Panel Discussion & Q&A**

17:00 **Showcases & Networking**

17:30 **Conference Ends**

SPEAKERS



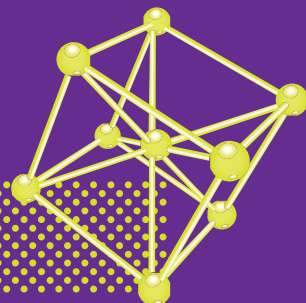
PLASTICS CONFERENCE 2016





Bill Deng

Regional Technical Marketing Manager, Elastomer
Momentive Performance Materials Inc.



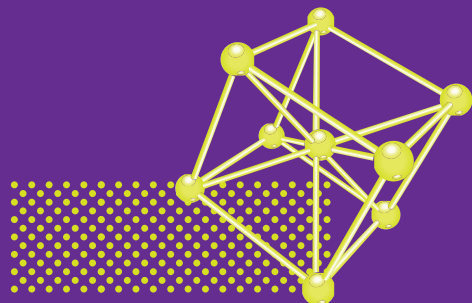
SPEAKER

Biography

Bill Deng earned his Master Degree of Chemical Engineering in Zhe Jiang University in 2006. He joined GE Silicones after graduated from University as a process engineer for Elastomer. In 2010, he internally transferred to R&D as Advanced Process Engineer for Elastomer in Momentive Performance Materials Inc. (Formerly GE Silicones), then moved to Six Sigma team as Black Belt – Design for Six Sigma in 2012.

Since 2013, Bill Deng has taken the role as Regional Technical Marketing Manager – Elastomer, focusing on driving Custom Compound business, promoting strategic products and leading technical team to provide technical service in pacific region.





Hee-Seok Hwang

Senior Project Manager, Marketing
Momentive Performance Materials Inc.

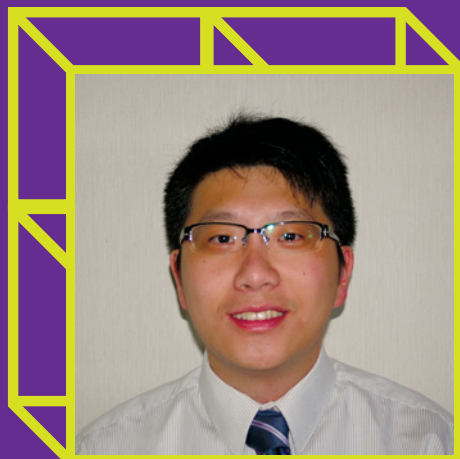
SPEAKER

Biography

Hee-Seok Hwang earned his Engineer Diploma in Chemical Engineering at Chung-Ang University, Korea and his Master/MBA from Yonsei University, Korea. He started his professional career in 1999 at SK Chemical, Korea as a process engineer. Between 2000 and 2007 he led a product marketing and commercial leader position for both Korea and Japan markets at 3M.

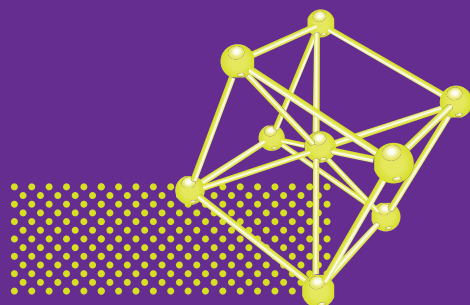
In 2007, he joined Momentive Performance Materials Inc. (formerly GE Silicones) in marketing for Elastomers and became an Asia-Pacific marketing manager of Elastomer consumer & Electronics. Since 2012, he has been the Senior Global Project Manager of the specialty Elastomer.





Dr Richard Lau

Assistant Technical Manager
Nano and Advanced Materials Institute



SPEAKER

Biography

Dr Richard Lau is currently a Project Leader in the Bio and Healthcare Sector of the Nano and Advanced Materials Institute (NAMI), specialising in advanced materials and surface modification. NAMI is one of the five R&D Centres under the Innovation and Technology Commission (ITC) of the Hong Kong Government, focusing on nanotechnology and advanced materials. Dr Lau has established an antimicrobial technology platform for coatings and built-in plastic materials in NAMI. Food packaging, baby care products and medical devices that conform to stringent safety requirements are some of the major applications in his current research projects.

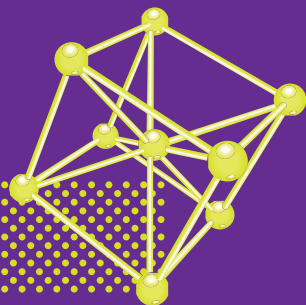
Since doctoral graduation, Dr Lau has published more than 20 peer-reviewed articles and conference proceedings and earned two international awards: Student Award and SIMS Research Award for recognition of his research contributions to surface science. The Hong Kong University of Science and Technology, where he earned his PhD degree, granted him the Air Products Award for the Best Chemical and Biomolecular Engineering Postgraduate Student in 2010. Before joining NAMI, Dr Lau had worked as a material technology consultant in the Hong Kong Productivity Council and later a research scientist in the National Institute for Materials Science in Japan. He has cumulated nearly 15 years of research experience in the field of polymer engineering, surface chemistry and biomaterials.





Marina Lee

Senior Marketing Manager
Covestro (Shanghai) Management Co., Ltd.



SPEAKER

Biography

Marina Lee, based in Shanghai since 2011, is working for Covestro (Shanghai) Management Co., Ltd. (Formerly Bayer MaterialScience Co., Ltd.) which has become an independent listed company in Germany since 1 Sep 2015.

Marina has been working for medical industry segment in the polycarbonate business unit since 2006, responsible for setting marketing strategy for medical consumer product industries and implementing in Asia Pacific to meet the application & material trends in the next 3-10 years.

Previously, Marina worked in Covestro Hong Kong for various positions, including appliance segment marketing, innovation business manager for electronic & display, market research in China and sales activity for inorganic chemicals.

Marina Lee, was born in Hong Kong, holds the Chemistry Bachelor Degree from University of Hong Kong and MBA Degree from the Hong Kong University of Science & Technology.





Dr Stephen Lee

Adjunct Associate Professor of Mechanical and Aerospace Engineering
Associate Director of Advanced Engineering Materials Facility (AEMF)
The Hong Kong University of Science and Technology

SPEAKER

Biography

Dr Stephen Lee obtained his PhD from University of Southampton. He was a senior material and product development engineer at Boeing Commercial Airplane Division in 1979-1984, and was involved in the design and manufacturing of advanced composite materials for Boeing 757/767 models.

In 1984, Dr Lee joined the Structures, Materials and Propulsion Laboratory, Institute for Aerospace Research, National Research Council of Canada and was a board member (director) of the Canadian Association for Composite Structures and Materials and served as an advisory committee member to the Aerospace Industry of Association of Canada (AIAC). In 1994, Dr Lee was nominated and appointed as a Canadian panel member on composite materials under The Technology Cooperation Program (TTCP) between the defense departments of Canada, United States, United Kingdom, Australia and New Zealand. Dr Lee also served as a consultant to the Advisory Group for Aerospace Research and Development of NATO.

In 1996, Dr Lee joined The Hong Kong University of Science and Technology and is the associate director of the Advanced Engineering Material Facility. He has been responsible for research cooperation between the university, government and other research organisations in Hong Kong and in China. Dr Lee has published over 100 technical reports, conference and journal papers and also co-author a chapter in a handbook. Research interests: design and manufacture of advanced composite materials for structural applications.



香港塑膠業廠商會

HONG KONG PLASTICS MANUFACTURERS ASSOCIATION

The HKPMA was established in 1957 and its members come from the local plastics industry. It has been fostering the communications, collaborations and ideas exchange among plastics manufacturers in order to gather the latest information on market trends and technology development. It aims at enhancing the overall competitiveness of the plastics industry.

About the Project – Technology Advancement of Hong Kong Plastics Industry to Tap into the Opportunities under the Strategies of 'Made in China 2025' and 'Industry 4.0'

Organised by HKPMA and funded by the SME Development Fund of the Trade and Industry Department, HKSAR Government, this 2-year project aims at providing a platform that can trigger the exchange of latest technologies with a view to encouraging plastics makers to invest more in R&D and probe into the exploration of technological advancements to upgrade their manufacturing processes. Conferences, workshops, sharing session, factory visits and information sharing on the prevailing technology trend will be arranged for the Hong Kong plastics industry.



香港工業總會

FHKI Federation of
Hong Kong Industries

The FHKI was established under Ordinance, Cap 321 of the laws of Hong Kong, in 1960. The FHKI aims at promoting and fostering the interests of Hong Kong's industrial and business communities. The FHKI also represents business's views and advises the government on policies and legislation, which affect business.

ACKNOWLEDGEMENT

Organiser :



Implementation Agent :



Funded by SME Development Fund :



Collaborating Organisations :



Any opinions, findings, conclusions or recommendations expressed in this material/event (or by members of the Project team) do not reflect the views of the Government of the Hong Kong Special Administrative Region, Trade and Industry Department or the Vetting Committee of the SME Development Fund and the Dedicated Fund on Branding, Upgrading and Domestic Sales (Organisation Support Programme).

QUESTIONNAIRE

Thank you for attending the Plastics Conference 2016. Your feedback is highly appreciated and helps us to improve the next one. Responses from this questionnaire will be used for our evaluation and improvement purposes only.

To complete this questionnaire online, please go to: www.goo.gl/g2gpJA or scan below QR code.



Event Highlights, videos and presentations of the Conference will be uploaded to the project website shortly. Stay tuned.



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