



Advanced Materials and Manufacturing Technologies Conference: From Design to Production

12 March 2018, Monday

Charles K. Kao Auditorium & Conference Hall 04 - 07, Science Park

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Tentative Programme Rundown

(Draft as of 6 Mar 2018)

12 March (Monday) – Main Conference Charles K. Kao Auditorium, Science Park	
09:00 – 09:30	Registration
09:30 – 09:35 (5 min)	Welcome Speech Mr George Tee Chief Technology Officer, Hong Kong Science and Technology Parks Corporation
09:35 – 09:40 (5 min)	Group Photo
09:40 – 10:10 (30 min)	Keynote 1: Sustainable Repair Solutions for Buildings: Design, Materials & Supervision Ir Dr Jaime Yeung Board Member, Hong Kong Concrete Institute
10:10 – 10:30 (20 min)	Keynote 2: Local Developed Technology - Advanced Composite Fabric Fire Shutter with Superior Insulating Properties Ir Prof. KT Leung President, Passive Fire Protection Research Centre
10:30 – 10:50 (20 min)	Keynote 3: Working with A.I. : Opportunities and Challenges Mr Spencer Fung CEO & Founder, Optix Solutions Limited

10:50 – 11:20 (30min)	Networking Coffee Break		
11:20 – 11:50 (30min)	Keynote 4: Recent Research and Application Trends in Advanced Composites for Engineering Industry Ir Prof. Alan Lau Pro-Vice-Chancellor (Research Performance and Development), Swinburne University of Technology International Vice President, The Institution of Mechanical Engineers		
11:50 – 12:10 (20min)	Keynote 5: MasterEase – Novel Technology to Achieve Low Viscosity and Easy Pumping Concrete Dr Ren Zhao Research Manager, BASF Group		
12:10 – 12:30 (20min)	Keynote 6: New Rechargeable Battery Technology Dr Mingde Wang Head of Business Unit, Lithium and Acting Head of Research & Development, GP Batteries International Limited		
12:30 – 12:50 (20min)	Keynote 7: Application of Advanced Materials in New Energy Vehicle from Hitachi Metals Dr Gary Shiau Chief Technology Officer, Hitachi Metals (China) Ltd.		
12:50 – 14:30 (1hr40min)	Networking Lunch (for Speakers only)		
Track Sessions			
Track A		Track B	
Conference Hall 04-05, Phase 2, Science Park		Conference Hall 06-07, Phase 2, Science Park	
14:00 – 14:30	Registration		
14:30 – 14:50 (20min)	Speech 1: Continuous Fiber Reinforced Thermoplastic Composites – Success in Large-scale Series Production Mr Eric Wong Business Development Manager (Tepex®), LANXESS Hong Kong Limited	14:30 – 14:50 (20min)	Speech 1: Turning Garbage into Treasures – Advanced Recycling Technologies Development Dr Peter Lee Chief Technology Officer, Nano and Advanced Materials Institute
14:50– 15:10 (20min)	Speech 2: Closed-loop in Garment Industry, from Design to Recycle Dr Gloria Yao Director, Project Development, The Hong Kong Research Institute of Textiles and Apparel Limited	14:50– 15:00 (10min)	Speech 2: A New Approach to Look at the Inside of Materials Mr Eric Yau Head of Analytic Group, ASMAC Limited
		15:00– 15:10 (10min)	Speech 3: Smart Robotic Warehouse in Industry 4.0 Mr Stanley Ho Sales Director, RV Automation Technology Company Limited

15:10– 15:20 (10min)	Speech 3: Advanced Materials in Aerospace Technologies Mr Arthur Yau General Manager, Chemetall Hong Kong Limited	15:10– 15:20 (10min)	Speech 4: Cutting-edge Antimicrobial Technology for Building Materials Dr Martin Szeto Managing Director, Microban International (Asia) Limited
15:20– 15:30 (10min)	Speech 4: How We Overcame the Problems from Formulation to Industrialisation Mr Humous Ip Director, Skyton Development Limited	15:20– 15:30 (10min)	Speech 5: MatrixDeck System: Doing More with Less in Construction Mr Billy Chu CEO, MDM Group
15:30– 15:40 (10min)	Speech 5: How New Lab Technology Brings Paradigm Shift into Material Science Dr Lila Zhang Business Development Manager, Nikyang Enterprise Limited	15:30– 15:40 (10min)	Speech 6: Acoustic Metamaterials – The Wonderful Sound-absorbing Materials Dr Shuyu Chen CEO, Acoustic Metamaterials Group
15:40 – 15:50 (10min)	Speech 6: Manufacturing Automation - How Robots can Change Your Business? Ir Dr Terry Chang Engineering Director, New World CAD/CAM Development Limited	15:40 – 15:50 (10min)	Speech 7: Automation Solutions for SMEs Mr Nelson Lau Business Development Director, Karmo (Apollo) Group Limited
15:50 – 17:00	Free-flow Networking* Venue: Pre-function Hall, Charles K. Kao Auditorium, Science Park <i>*Catering to be served</i>		

Note: Information is subject to change without prior notice.