



Tuesday, 14 February

08.00	Registration & Welcome Coffee	
09.00	Opening Remarks Elizabeth Bramson-Boudreau , Chief Operating Officer, MIT Technology Review	
09.05	Smart Nation: Innovations and Collaborations Khoong Hock Yun , Assistant Chief Executive (Development), IMDA	
09.20	At the Heart of Innovation: New Materials Creating Ultra Lightweight Resilient Materials through Nano-Architecture Julia Greer , Professor of Materials Science and Mechanics, Caltech Nanostructured Materials for Energy and Biomedical Applications Jackie Ying , Executive Director, IBN, A*STAR Materials Engineering: The Foundation of Innovation for the Future Omkaram (Om) Nalamasu , Senior VP and CTO, Applied Materials	
10.25	#DOInnovate Steve Leonard , Founding CEO, SGIInnovate Meet the Innovators Under 35 Zhi Wei Seh , Research Scientist, Institute of Materials Research and Engineering, A*STAR Sumeet Walia , Lecturer, Royal Melbourne Institute of Technology (RMIT) Yong Lin Kong , Postdoctoral Associate, Massachusetts Institute of Technology (MIT)	
11.00	Networking Coffee Break	
11.25	Technology for People: the Era of the Intelligent Enterprise Paul Daugherty , Chief Technology & Innovation Officer, Accenture	<i>Presenting Partner</i>  High performance. Delivered.
11.50	After Moore's Law: A New Era for Computing The Coming Revolution in How Computers Calculate John Gustafson , Former Chief Product Architect, AMD & Former Director, Intel Labs Rethinking Processor Design for the Post Moore's Law Era Thomas Sohmers , CEO, REX Computing (Please refer to the next page for the third speaker of this session)	

*Schedule is subject to change

Download the agenda at www.emtechasia.com/agenda

	InfiniCortex: A Supercomputer that Encompasses the World Marek Michalewicz , Deputy Director, ICM, University of Warsaw
12.50	Networking Lunch Break
13.50	Moderator: Antoinette Matthews , Vice President of Licensing and Communities, MIT TR Cybersecurity The Real Scorpion, Walter O'Brien, Presents Cyber Security for Whole Countries Walter O'Brien , CEO, Scorpion Computer Services Considerations for IoT and Smart Cities Douglas J. Gardner , CTO, Secure Technology Group, Analog Devices Zeroing In On Un-Hackable Data With Quantum Key Distribution Alex Ling , Principal Investigator, Quantum Optics, Centre for Quantum Technologies, NUS
15.00	Funding Innovation - Introduced by Vinnie Lauria , Funding Partner, Golden Gate Ventures Innovation at Scale - Why and When The Accelerator Model Works Sean O'Sullivan , Managing Director, SOSV Investing in Big Ideas Fireside Chat with Jenny Lee , Managing Partner, Shanghai, GGV Capital
15.45	Networking Coffee Break
16.25	Meet the Innovators Under 35 Prateek Saxena , Dean's Chair Assistant Professor, School of Computing, NUS Simon Gross , ARC DECRA Research Fellow, Macquarie University Dawn Tan , Assistant Professor, Engineering Product Development, SUTD
16.40	Solve: The Potential of Open Innovation Alex Amouyel , Executive Director, Solve
16.50	Virtual Reality, Augmented Life Visualizing the Inside: From Martian Meteorites to Mummies Anders Ynnerman , Director, Norrköping Visualization Center Eversense Everywhere Human Communication Adrian David Cheek , Director, Imagineering Institute
17.30	Networking Cocktail Reception @ ArtScience Museum Located at B2, Oculus / Entrance of NASA Exhibition
20.00	End of Day One



Wednesday, 15 February

08.00	Registration & Welcome Coffee
09.20	Opening Remarks Elizabeth Bramson-Boudreau , Chief Operating Officer, MIT Technology Review
09.25	Brave New (Bio-Engineered) World Introduced by David Lane , Chief Scientist, A*STAR CRISPR Genome Engineering Technology: Application and Intersection with Genomics Analysis Le Cong , Postdoctoral Fellow, Broad Institute of MIT and Harvard Resolution-Revolution in Cryo-EM Daniela Rhodes , Professor, School of Biological Sciences, NTU Panel Discussion with Speakers
10.20	Networking Coffee Break
10.50	Artificial Intelligence and Robotics GPU Deep Learning Powering A New Computing Model Marc Hamilton , VP of Solutions Architecture and Engineering, NVIDIA Future of Supply Chain: Robotics and Automation Samay Kohli , CEO and Cofounder, GreyOrange
11.30	Panel Discussion: MIT Hacking Medicine Robotics Moderated by Howard Califano , Director, SMART Innovation Centre
12.00	Networking Lunch Break
13.10	Moderator: Antoinette Matthews , Vice President of Licensing and Communities, MIT Technology Review The Story and The Prototype Mike North , Host, Prototype This!, Discovery Channel
13.30	Meet the Innovators Under 35 Angela Wu , Assistant Professor, Hong Kong University of Science and Technology (HKUST) & Founding Member, Agenovir Corporation

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[Dhesi Raja](#), Chief Scientist and Cofounder, Artificial Intelligence in Medical Epidemiology (AIME)

[Gang Wang](#), Associate Professor of Electrical and Electronic Engineering, NTU

[John Ho](#), Assistant Professor, Department of Electrical and Computer Engineering, NUS
Ceremony Honouring the 10 Innovators Under 35

Presented by [SGInnovate](#)

14.05

Space 4.0: A New Era for Space Exploration

Introduced by [Daniel Hastings](#), Former Chief Scientist, US Air Force

Democratizing Space: Recent Developments in Miniaturized Satellites

[Kay Soon Low](#), Professor/Director of Satellite Technology And Research (STAR) Centre, NUS

The Future of Global Space Traffic Management

[Matthew Bold](#), Principle Researcher, Lockheed Martin Space Systems Company Advanced Technology Center

Unlocking High Bandwidth Communications for the Next Generation of Space Applications

[Rohit Jha](#), Engineer and CEO, Transcelestial

14.55

Networking Coffee Break – MIT Professional Education Lucky Draw

15.20

Solar System Exploration: How JPL Turns Dreams into Reality

[David Oh](#), Project Systems Engineer, NASA Jet Propulsion Laboratory

Humanity's Exploration: From Outer to Inner Space

[Dava Newman](#), Apollo Program Professor Chair, MIT and Former Deputy Administrator, NASA

Panel Discussion with Speakers

16.35

Close of Conference
