

## PROGRAMME AT A GLANCE

This programme guide provides an overview of the 3-days power-packed programme line-up at Industrial Transformation ASIA-PACIFIC 2020 – ITAP CONNECTED platform.

	DAY 1 : 20 OCTOBER	DAY 2 : 21 OCTOBER	DAY 3 : 22 OCTOBER
Conference	Opening Remarks	Global Additive Manufacturing Summit	Global Additive Manufacturing Summit
	Future of Manufacturing Summit (FoM)	Germany Singapore Business Forum Connect	Standards Forums
	Market and Sector Leaders Forum	Market and Sector Leaders Forum	Physical Bolt-on <i>Physical tour to the industrial transformation showcases and H.0 deployment concepts in Singapore</i>
Exhibition	Gateway to Industry 4.0		
	Digital Learning Journey		
	AI-powered Interactive Online Product Showcase		
	Digital Sandbox		
	On-demand Knowledgebase		
	Collaboration and Robotics Lab		
	Online Business Matching		
Continuous Engagements & Networking Opportunities			

## TUESDAY, 20 OCTOBER 2020

### OPENING CEREMONY (Complimentary Access)

Time	Activity
10.45am	Opening Ceremony Introduction by host
10.50am	Joint Welcome Remarks by Co-organisers <ul style="list-style-type: none"> <li>Mr. Aloysius Arlando, Chief Executive Officer, SingEx Holdings</li> <li>Dr. Jochen Köckler, Chairman of the Managing Board, Deutsche Messe AG</li> </ul>
11.00am	Keynote Speech by Ms Dorothee Bär, Minister of State for Digitalisation at the Federal Chancellery
11.05am	Opening Address by Guest of Honour Mr Heng Swee Keat Deputy Prime Minister Coordinating Minister for Economic Policies Minister for Finance, Singapore
11.15am	Dialogue with Deputy Prime Minister
11.30am	Launch of Advanced Manufacturing Training Academy (AMTA)
11.40am	Internationalisation Collaboration of SIRI with WEF & Industry Partners

Co-organised with:



## FUTURE OF MANUFACTURING SUMMIT (Premium Access)

TIME	ACTIVITY
11.30am	<b>Opening &amp; Welcome Remarks</b> by A*STAR
11.40am	<b>The Future of Manufacturing and Supply Chains: Risk, Resilience and Rebalancing</b> by Mr Matteo Mancini, Senior Partner, McKinsey & Company
11.55am	<b>Opportunities in a Re-set Landscape - Renewing APAC's Industrial &amp; Manufacturing Capacities for a Sustained Come-Back</b> by <ul style="list-style-type: none"> <li>Mr Douglas Foo, President, Singapore Manufacturing Federation &amp; Chairman and Founder, Sakae Holdings, Singapore</li> <li>Ms May Yap, Senior Vice President and Chief Information Officer, Jabil</li> <li>Mrs Shinta Widjaja Kamdani, CEO, Sintesa Group &amp; Vice Chairwoman, Indonesian Chamber of Commerce &amp; Industry</li> <li>Datuk Michael Kang, President, SME Association of Malaysia</li> <li>(Moderator) Mr Alpesh Patel, Partner &amp; Leader, Digital Capability Centres APAC, McKinsey &amp; Company</li> </ul>
12.50pm	Break
1.30pm	<b>Tapping into the Post-Pandemic Opportunity Space – Are ASEAN Businesses Ready?</b> by <ul style="list-style-type: none"> <li>Datuk Naguib Mohd Noor, CEO, Strand Aerospace and President, Malaysia Aerospace Industry Association (MAIA)</li> <li>Ms Anne Patricia Sutanto, Vice CEO, PT. Pan Brothers Tbk, Indonesia</li> <li>Mrs Do Thi Thuy Huong, Executive Board Member, Vietnam Electronics Industry Association (VEIA)</li> <li>Mr Chew Men Leong, Chief Marketing Officer, ST Engineering, Singapore</li> <li>(Moderator) Mr Dennis Ling, Group Director, Industry Development Group, Agency for Science, Technology &amp; Research (A*STAR)</li> </ul>
2.20pm	Break
2.40pm	<b>A Mindset Issue or More? Getting SMEs on Board the Opportunity for Change</b> by <ul style="list-style-type: none"> <li>Mr Willy Koh, CEO, Racer Technology</li> <li>Mr Eugene Goh, Managing Director, JM Vistec System, Singapore</li> <li>Dr Yeong Che Fai, Co-Founder &amp; Director, DF Automation, Malaysia</li> <li>(Moderator) Mr Glen Tan, Managing Partner, FT Consulting, Singapore</li> </ul>
3.30pm	Break
3.50pm	<b>Reshaping Business for Resilience – What It Takes to Sustain for the Long Haul</b> by Mr Deepak Subramaniam, VP for Marketing (Homecare, Southeast Asia, Australia & New Zealand), Unilever
4.10pm	<b>What Will Make Sustainability a Priority for APAC Businesses &amp; Manufacturers?</b> by <ul style="list-style-type: none"> <li>Prof. Seeram Ramakrishna, Chair, Circular Economy Taskforce, NUS and Chair, Future of Manufacturing, Institution of Engineers Singapore</li> <li>Ms Pamela Mar, Executive VP, Supply Chain Futures at Fung Academy &amp; Director of Sustainability, Fung Group, Hong Kong</li> <li>Mr Seah Kian Hoe, Founder &amp; Managing Director, Heng Hiap Industries, Malaysia</li> <li>Dr Michael Schmidt, Head of Innovation APAC, Covestro, Asia Pacific</li> <li>(Moderator) Mr Sathishkumar Nagarajan, Sustainability Lead, Tembusu Asia Consulting</li> </ul>
5.05pm	<b>Closing Remarks &amp; END</b>



## DIGITAL SANDBOX (Complimentary Access)

TIME	ACTIVITY
12.10pm	<p><b>Theme: Digital Transformation</b> Realising Smart Factories Using IoT &amp; AI <b>Speaker:</b> Mr Jun Watanabe , Regional Technical Specialist, Azbil, Singapore</p>
12.30pm	<p><b>Theme: Digital Transformation &amp; Flexible Production</b> An Industry 4.0 Game Plan by FARO <b>Speaker:</b> Mr Chuck Pfeffer, Director - Product Management - Product Marketing, Global Director - 3D Metrology Solutions - Product Marketing, Faro</p>
2.00pm	<p><b>Theme: Digital Transformation</b> Human Machine Interaction Adapted to Covid-19 times: Be clean, Contact-less, Remote &amp; Smart <b>Speaker:</b> Mr Tomoa Ishii , HMI Line of Business Vice President , Schneider Electric, Japan</p>
3.30pm	<p><b>Theme: Business &amp; Environmental Sustainability</b> Green House Gases (GHG) Reduction for Utility Plant through Digital Technology <b>Speaker:</b> Mr Mike Suzuki, Manager at Azbil Advanced Solutions Department in Japan, Azbil Corporation</p>
3.50pm	<p><b>Theme: Digital Transformation</b> How to Use Robots to Re-Invent Your Business in the Time of a Pandemic <b>Speaker:</b> Mr Albert Causo, CEO &amp; Co-Founder, Hand Plus Robotics</p>
4.10pm	<p><b>Theme: Organisation Transformation &amp; Agility</b> How Multi-laser Additive Manufacturing is Transforming the Future of Manufacturing <b>Speaker:</b> Mr Gary Tang, Regional Sales director, SLM Solutions, Singapore</p>

## MARKET & SECTOR LEADERS FORUM (Complimentary Access)

TIME	ACTIVITY
<b>PHARMA &amp; MEDTECH SECTOR</b>	
1.00pm	<p><b>Keynote: Next Generation Industry</b></p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>Ms Vicki Pearson, Global Solutions Architect, Consumer Packaged Goods, Schneider Electric, UK</li> <li>Mr Gareth Alford, Lead Engineer, PCP Advanced Manufacturing Technology Group, GSK, UK</li> </ul>
1.20pm	<p><b>Panel: Readyng for a Sustained Comeback in the Pharma &amp; MedTech Sectors - What Should be the Key Priorities?</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>Mr Marco Steinkamp, Sales Director Europe, Middle East, Asia, Movilitas Consulting GmbH</li> <li>Mr Hajime Sugiyama, Industrial IoT Evangelist, Mitsubishi, Japan</li> </ul> <p><b>Moderator:</b> Ms Neo Kah Yean, Senior VP, Commercialisation Division (Biomedical Sciences), A*ccelerate - Agency for Science, Technology, and Research</p>
<b>FMCG SECTOR</b>	
2.30pm	<p><b>Keynote: From Recovery to Readiness for the Next Normal</b></p> <p><b>Speaker:</b> Mr Ramin Shariatmadari, Head of Industries &amp; Head of Value Engineering, SAP AP</p>
2.50pm	<p><b>Panel: Readyng for a Sustained Comeback in the FMCG Sector - How Should Business Align Priorities with Opportunities?</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>Mr Lee Chong Leong, International Account Manager, Consumer Packaged Goods, Schneider Electric</li> <li>Mr Adhi S. Lukman, Chairman, The Indonesian Food &amp; Beverage Association (GAPMMI)</li> </ul> <p><b>Moderator:</b> Mr Stewart Coleman, Industrial Business Director - Industry 4.0, BECA</p>

Co-organised with:



## GLOBAL ADDITIVE MANUFACTURING SUMMIT (Premium Access)

# WEDNESDAY, 21 OCTOBER 2020

TIME	ACTIVITY
9.00am	<b>Global Additive Manufacturing 2020 OPENING</b>
9.05am	<b>Welcome Address</b> by Dr Ho Chaw Sing, Managing Director, NAMIC
9.15am	<b>Opening Address by Guest of Honour</b> <b>Ms Low Yen Ling</b> Minister of State for Trade and Industry and Culture, Community and Youth
9.30am	<b>Announcement of Memorandum of Understanding, Partnerships and Alliance</b>
10.00am	<b>Keynote Presentation</b> <b>The Transformative Role of Additive Manufacturing in Enabling a Sustainable Future in the Post-COVID World</b> <i>A Global Perspective of the 3D Printing Industry to Accelerate Industry Wide Adoption</i>  <b>Keynote Speaker:</b> Mr Tan Kong Hwee, Executive Vice President, Singapore Economic Development Board
<b>TRACK: SUSTAINABILITY</b>	
<b>SUSTAINABILITY PART 1</b>	
	<b>Plenary: The Big Picture - Exploring the Making of Tomorrow with Circular Economy</b> <ul style="list-style-type: none"> <li>• The advantages of upcycling in overall perspective</li> <li>• Global warming and greenhouse effect</li> <li>• Opportunities of Sustainability Manufacturing and Urban Farming Solutions</li> </ul>
10.15am	<b>Going the Upcycling Way: Turning Waste Metals into Feedstock for AM Processes</b> by Mr Phil Ward, CEO, Molyworks Material Corporation
10.30am	<b>Harvesting Used Fishing Nets as Materials for AM and New Product Development</b> by Ms Sissi Chao, Founder, REMAKEHUB
10.45am	<b>Sustainable Manufacturing and Food Production for a Greener Future</b> by Mr David Tan, Managing Director, Netatech Group
11.00am	<b>Moderated Panel Discussion: How does recycling or the sustainable green networks and their respective resources differ across the globe?</b>  Moderated by: Mr John Barnes, Founder and Managing Director, Barnes Global Advisors





SUSTAINABILITY PART 2	
11.45am	<b>Additive Manufacturing - A Path to Sustainable Success</b> by Ms Sherry Handel, Executive Director, AMGTA
12.00pm	<b>Is 3D Printing a Clean Technology? How can it Impact Sustainable Manufacturing and Consumption?</b> by Dr Karsten Heuser, Vice President (Additive Manufacturing), Siemens, AG
12.15pm	<b>Accelerating the New Digital Transformation of Additive Manufacturing Towards Advanced and Emerging Applications</b> by Dr Blake Perez, APAC Sales, nTopology
12.30pm	<b>Moderated Panel Discussion (Q&amp;As):</b> How would you redefine the sustainability efforts within the Additive Manufacturing industry? Moderated by: Ms Nora Toure, Founder, Women in 3D Printing
1.00pm	<b>End of Session</b>

## MARKET & SECTOR LEADERS FORUM (Complimentary Access)

TIME	ACTIVITY
SCALING SOUTHEAST ASIA'S INDUSTRY 4.0 TRANSFORMATION	
9.30am	<b>Introduction</b>
9.35am	<b>Opening Remark</b> Mr Ted Tan, Deputy Chief Executive Officer, Enterprise Singapore
9.40am	<b>Plenary Panel 1:</b> <b>SEA Manufacturers in Transformation: Initiatives, Challenges, and Outlook amidst Uncertain Times</b> A moderated panel discussion with selected SEA manufacturers on their initiatives, experiences, insights, challenges and future Industry 4.0 plans in the changing business environment. <b>Panelists:</b> <ul style="list-style-type: none"> <li>Mr Wahyu Widodo, General Manager, PT Indolakto, Indonesia</li> <li>Mr Gary Gan, Managing Director, Hexa Food, Malaysia</li> <li>Mr Nguyen Ngoc Tam, COO, Fitek Vina, Vietnam</li> <li>Mr Wuttichai Suwansawan, General Manager, ASI Precision, Thailand</li> </ul> <b>Moderator:</b> Mr Glen Tan, Group Managing Partner, FT Consulting
10.20am	<b>Plenary Panel 2:</b> <b>The Singapore Experience: A scalable and cost-effective approach to I4.0 Adoption</b> Sharing from Singapore manufacturers at different stages of Industry 4.0 adoption about their experiences, approach and best practices. <b>Panelists:</b> <ul style="list-style-type: none"> <li>Mr Kenneth Lim, CEO, Lingjack</li> <li>Mr Kwan Li Feng, Enterprise Development Manager, CKE Manufacturing</li> <li>Ms Joyce Seow, Executive Director, Watson EP</li> <li>Mr David Chai, Centre Director, Food Innovation &amp; Resource Centre</li> </ul> <b>Moderator:</b> Mr Simon Lim, Executive Director, Manufacturing & Engineering, Enterprise Singapore



<p><b>11.05am</b></p>	<p><b>Break-out Room 1:</b> <b>Host:</b> Khairul Anwar, Regional Group Director, Southeast Asia, Enterprise Singapore</p> <p><b>Solutions Presented by:</b></p> <ul style="list-style-type: none"> <li>Mr Willson Deng, Founder&amp;CEO, Arcstone</li> <li>Mr Lim Chee-Kean, CEO, Ascent Solutions</li> <li>Mr Samuel Tan, Founder&amp;CEO, Auk Industries</li> <li>Mr Gopal Bhandari, Co-founder &amp; Director, Clearpack</li> </ul> <p>Moderated Q&amp;A</p>	<p><b>Break-out Room 2:</b> <b>Host:</b> Wu Hongyi, Deputy Director, Southeast Asia, Enterprise Singapore</p> <p><b>Solutions Presented by:</b></p> <ul style="list-style-type: none"> <li>Mr Mun Koh Woh, Founder &amp; Managing Director of ASTech and Chairman of Smart i4.0 Transformation Alliance (SiTA)</li> <li>Mr GK Tay, General Manager, ISDN Software</li> <li>Mr Premarajan P, Founder &amp; Managing Director, Pixel Automation</li> <li>Mr Louis Lee, Co-founder, Viatick</li> </ul> <p>Moderated Q&amp;A</p>
<p><b>11.55am</b></p>	<p><b>(END) Online booking of complimentary follow up sessions with Singapore I4.0 technology providers</b></p>	
<p><b>MALAYSIA MARKET FOCUS SESSION</b></p>		
<p><b>12.00pm</b></p>	<p><b>Keynote: Questioning the Future of Work: The View from Malaysia</b></p> <p><b>Keynote speaker:</b> Datuk Wira Dr Hj. Rais Hussin Mohamed Ariff, Chairman of Malaysia Digital Economy Corporation (MDEC)</p>	
<p><b>12.20pm</b></p>	<p><b>Fireside Chat: The Worker's Dilemma - What Does Staying Relevant Mean?</b> This fireside chat will examine if Malaysian workers, whether corporate or otherwise, can remain relevant in tomorrow's workforce if there is no continuous upskilling. As Industry 4.0 adoption gains momentum, the competency of workers to adapt &amp; move with the times has become an urgent issue that is also relevant for workers beyond Malaysia.</p> <p><b>Fireside Chat Speakers:</b></p> <ul style="list-style-type: none"> <li>Datuk Wira Dr Hj. Rais Hussin Mohamed Ariff, Chairman of Malaysia Digital Economy Corporation (MDEC)</li> <li>Datuk Michael Kang, President of SME Association of Malaysia</li> </ul> <p><b>Moderated by:</b> Ms Sheila Singam, Founder, Human Equation</p>	
<p><b>SEMICON AND ELECTRONICS &amp; ELECTRICAL MANUFACTURING SECTORS</b></p>		
<p><b>1.00pm</b></p>	<p><b>Panel: Ready for a Sustained Comeback in the Semicon and Electronics &amp; Electrical Manufacturing Sectors - What Are the Key Priorities?</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>Mr Calvin Ong, Solution Lead, Delta Electronics</li> <li>Mr Matt Chan, SAP Industry 4.0 GTM Lead, Asia Pacific Japan</li> <li>Mr Lee Peng Sian (Honourary Secretary), Electrical and Electronics Association of Malaysia (TEEAM)</li> <li>Dr Danilo Lachica, President, Semiconductors &amp; Electronics Industries in the Philippines Foundation (SEIPI)</li> <li>Mr Saj Kumar, Regional Business Lead for Manufacturing, Microsoft Asia</li> </ul>	



**Moderator:** Mr Rakesh Jaiswal, Director in Enterprise Division, Agency for Science, Technology and Research, Singapore

## DIGITAL SANDBOX (Complimentary Access)

TIME	ACTIVITY
2.00pm	JTC-SBF-McKinsey MOU Signing & Sharing Session
3.20pm	<p><b>Theme: Supply Chain Resilience</b> <b>Gain Competitive Advantages with Digital Transformation</b></p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>Mr Christophe Avrain, Industrial Automation Commercial Asia Region , Schneider Electric</li> <li>Mr Lee Wen Jian , Product Manager , Schneider Electric</li> </ul>
3.40pm	<p><b>Theme: Digital Transformation</b> By HEXAGON Metrology</p>
4.20pm	<p><b>Theme: Workforce Development &amp; Reskilling Issues</b> <b>Upskilling to be Part of the Future-ready Workforce in Advanced Manufacturing</b></p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>Mr Lieu Yew Fatt, MD, Omron Electronics Pte Ltd</li> <li>Mr Ng Kee Wee, Deputy Director, Engineering Cluster, Temasek Polytechnic</li> </ul>
4.40pm	<p><b>Theme: Flexible Production</b> <b>Rethink Manufacturing</b></p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>Mr Swami Vangal Ramamurthy, General Manager, Omron Asia Pacific</li> <li>Mr Khoo Hock, Deputy Director, Engineering Cluster, Temasek Polytechnic</li> </ul>



HANNOVER  
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ASIA-PACIFIC

# FORGING AHEAD WITH INDUSTRY 4.0

*In the new normal*

20-22 OCTOBER 2020

Co-organised with:

Enterprise  
Singapore

APA  
Asia-Pacific Committee  
of German Business

## GERMANY SINGAPORE BUSINESS FORUM CONNECT (Complimentary Access)

TIME	ACTIVITY
3.00pm	Welcome Video
3.05pm	<b>Opening Remarks by Co-Chairs of GSBF:</b> Mr. Peter Ong, Chairman of Enterprise Singapore Prof. Dr.-Ing. Axel Stepken, Chairman of TUV SUD AG
3.15pm	<b>Panel Discussion: Resilience and Recovery - Manufacturing in Southeast Asia in a Covid-19 World</b>  <b>Panelists:</b> <ul style="list-style-type: none"><li>• Dr Gunther Kegel, CEO of Pepperl+Fuchs SE</li><li>• Mr Jonathan Ng, Chief Executive of McKinsey's Digital Capability Center</li><li>• Mr Lawrence Yip, Chief Marketing Officer of SembCorp Development Limited</li></ul> <b>Moderator:</b> Dr Tim Philippi, Executive Director, Singaporean-German Chamber of Industry & Commerce
3.45pm	Q&A Session



## THURSDAY, 22 OCTOBER 2020

Co-organised with:

### STANDARDS FORUM (Premium Access)



TIME	ACTIVITY
<b>SESSION 1: SUSTAINABILITY PROGRAMME</b>	
	<p><b>Joint Opening Address</b></p> <ul style="list-style-type: none"> <li>Ms Choy Sauw Kook, Director-General (Quality &amp; Excellence) of Enterprise Singapore</li> <li>Prof. Reginald Tan, Executive Director (Science &amp; Engineering Research Council) of Agency for Science, Technology and Research (A*STAR)</li> </ul>
10.15am	<p><b>Exploring opportunities in sustainable manufacturing for small and medium enterprises (SMEs)</b> by Ms Amy Costello, Chairman of the ASTM Committee on Sustainable Manufacturing</p>
10.30am	<p><b>How can businesses overcome challenges in sustainable manufacturing and enhance their company branding with conformity assessment?</b> by Dr. William F. Hoffman, Corporate Fellow, Senior Scientists of Underwriters Laboratories</p>
10.45am	<p><b>Singapore's approach towards a more sustainable manufacturing industry</b> by Dr. Yeo Zhiquan, Deputy Group Manager of Sustainability &amp; Life Cycle Management Group of A*STAR</p>
11.00am	<p><b>Industry 4.0 Enabling End-to-End Manufacturing Supply Chain Sustainability Transparency</b> by Mr Willson Deng, Chief Executive Officer, Arcstone Pte Ltd</p>
11.15am	<p><b>Panel: How can standards support SMEs in improving sustainability efforts for long term business success?</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>Ms Amy Costello, Chairman of the ASTM Committee on Sustainable Manufacturing</li> <li>Dr. William F. Hoffman, Corporate Fellow, Senior Scientist of Underwriters Laboratories</li> <li>Dr. Yeo Zhiquan, Deputy Group Manager of Sustainability &amp; Life Cycle Management Group of A*STAR</li> <li>Mr Willson Deng, Chief Executive Officer of Arcstone Pte Ltd</li> </ul> <p><b>Moderator:</b> A/Prof Karthik Kumar, Director, Urban and Green Technology Centre, A*STAR</p>
<b>SESSION 2: DIGITAL TWIN PROGRAMME</b>	
1.00pm	<p><b>The digital twin for manufacturing through a standards-based approach</b> Mr Kenneth Swope, Chairman of ISO TC 184/SC4 on Industrial Data and Convenor of ISO TC184/AGH2 on Digital Twin</p>
1.15pm	<p><b>Smart Digital Twin for Logistics Operations</b> Prof. Lee Loo Hay, Director for Centre of Next Generation Logistics (C4NGL)</p>
1.30pm	<p><b>Unlocking manufacturing potential with digital twin technology</b> Dr. Sumin Jeon, Digital twin expert of Siemens</p>
1.45pm	<p><b>How can digital twin technologies benefit SMEs?</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>Mr Kenneth Swope, Chairman of ISO TC 184/SC4 on Industrial Data and Convenor of ISO TC184/AGH2 on Digital Twin</li> <li>Prof Lee Loo Hay, Director for Centre of Next Generation Logistics (C4NGL)</li> <li>Dr. Sumin Jeon, Digital twin expert of Siemens</li> </ul> <p><b>Moderator:</b> Dr. Andreas Hauser, Managing Director of TÜV SÜD Asia Pacific</p>

## DIGITAL SANDBOX (Complimentary Access)

TIME	ACTIVITY
10.00am	<b>Theme: Digital Transformation</b> <b>IIoT. Mistakes Made, Lessons Learnt: Sustainable Kaizen (Smart Manufacturing Kaizen Level)</b> <b>Speaker:</b> Mr Hajime Sugiyama , Industrial IoT Evangelist, Mitsubishi Electric Asia, Japan
10.40am	<b>Theme: Digital Transformation</b> <b>Digital transformation in Manufacturing with Murata Wireless Sensing Technology</b> <b>Speaker:</b> Ms Lynn Tan, Senior Product Engineer, Murata
11.20am	<b>Theme: Organisation Transformation &amp; Agility</b> <b>Deep Learning Technologies and Trends in Today's Manufacturing Environment</b> <b>Speaker:</b> Mr Low Hong Kian, Field Product Marketing Manager, Cognex
11.40am	<b>Theme: Workforce Development &amp; Reskilling Issues</b> <b>IHIC Programme Sharing by WSG &amp; SBF</b> Mr Alpesh Patel, Partner & Leader, Digital Capability Centres APAC, McKinsey & Company

Co-organised with:

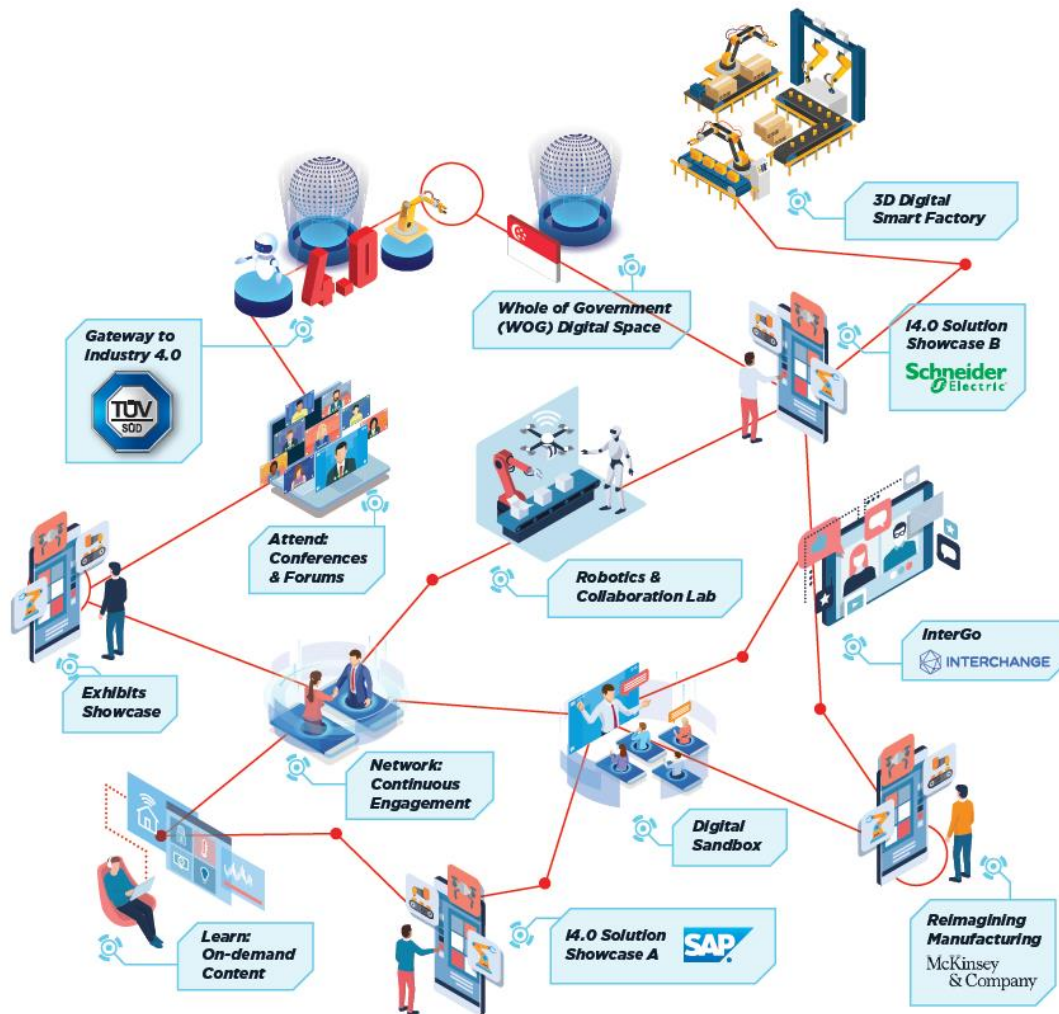


## GLOBAL ADDITIVE MANUFACTURING SUMMIT (Premium Access)

TIME	ACTIVITY
<b>TRACK: EMERGING APPLICATIONS</b>	
<b>EMERGING APPLICATIONS PART 1</b>	
The Future of Additive Manufacturing: Entering the New Age of Emerging Applications	
12.00pm	<b>The Space X-Influence: The Ticket to Space</b> Mr Jonathan Hung, Executive Chairman, Singapore Space & Technology Limited
12.15pm	<b>The Next Revolution: 3D-Printed Habitats Made-In-Space</b> Ms Anna Cheniuntai, CEO & Founder, Apis Cor
12.30pm	<b>Exploring the New Frontier in Space Technologies and Business</b> Mr Adam Gilmour, CEO, Gilmour Space
12.45pm	<b>Moderated Panel Discussion (Q&amp;A): A DECADE OF DISRUPTION: Exponential Growth within the Space Sector</b> Moderated by: Mr Aditya Chandavarkar, Co-Founder, Indian 3D Printing Network
1.15pm	<b>End of Session</b>
<b>EMERGING APPLICATIONS PART 2</b>	
1.30pm	<b>Bon Appetit! Cell-based Seafood for a Clean, Sustainable Future</b> Dr Ling Ka Yi, Co-Founder & Chief Scientific Officer, Shiok Meats
1.45pm	<b>Advancing Patient Care with 3D Printed Food</b> Ms Gladys Wong, Senior Principal Dietitian, KTPH
2.00pm	<b>3D-Printed Personalised Nutrition Food</b> Ms Melissa Snover, CEO & Founder, Nourish3d
2.15pm	<b>Moderated Panel Discussion (Q&amp;As)</b> The challenges to commercialise and encourage adoption of 3D printed food Moderated by :Mr Joris Peels, Executive Editor, 3DPrint.com
2.45pm	<b>Closing Remarks</b>

## LEARNING JOURNEY (20 - 22 OCTOBER 2020)

Designed as a personalised learning journey with LIVE demonstrations, the “Gateway to Industry 4.0” is a curated gallery powered by TÜV SÜD on the evolution of I4.0. It aims to inspire delegates on how to implement I4.0 concepts by contrasting old technology exhibits versus the new, showcasing the transformation and outcomes of practical applications demonstrating real benefits.



#	Where you can go	What you get
1	Gateway to Industry 4.0	Embark on a personalised I4.0 learning journey. Be inspired by practical solutions to adopt and implement in a showcase of successful transformations and deployments of enabling technologies and real-world applications.
2	Whole-of-Government (WOG) Digital Space	Discover how far the Singapore government agencies have come in the delivery and achievement of the nation’s strategic I4.0 objectives.
3	Robotics & Collaboration Lab	Experience the cutting-edge of robotics. Don’t miss great deals and opportunities by leading international providers.
4	Digital Sandbox	Gain first-hand insights by manufacturing industry practitioners and professionals. Get your I4.0 questions answered.





5	<b>Exhibitors' Showcase</b>	From 'fitbit for machines' to the latest in automation software, 3D printing solutions and more. Deep dive into your area of interest via our state-of-the-art, AI-powered virtual exhibit.
6	<b>Industry 4.0 Showcase by SAP</b>	Explore solutions you need to run your business better, faster, and simpler enterprise-wide.
7	<b>Industry 4.0 Showcase by Schneider Electric</b>	Access on-demand content you need to run your business better, faster, and simpler enterprise-wide.
8	<b>Learn: Content on Demand</b>	Missed a key discussion or conversation, or wish to see it again, catch it all with video on-demand right here.
9	<b>Network: Continuous Engagement</b>	Connect through virtual meetings and networking sessions with business partners.
10	<b>Attend: Conference &amp; Forum</b>	Access virtual conferences and forums anywhere, on any device.
11	<b>Interactive 3D Digital Smart Factory</b>	Visit our 3D smart factory of the future, meet the people there and see how products are made.
12	<b>Inter-Go community Platform</b>	Take advantage of this online gateway to connect and network with peers and industry players.
13	<b>Reimagining Manufacturing with McKinsey &amp; Company</b>	Participate in the survey and get a better understanding of how COVID-19 is rewriting the future of manufacturing.



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