

## PROGRAMME AT A GLANCE

**WE ARE BACK TO PHYSICA: EVENT THIS NOVEMBER!** The 4th Industrial Transformation ASIA-PACIFIC - a HANNOVER MESSE event 2021 (ITAP) is taking place in a hybrid format, which offers the best of a physical exhibition with an integrated digital platform.

**PHYSICAL EXHIBITION**  
Meet and engage with industry counterparts through multiple in-person touchpoints

- 14.0 Experience Zone**  
*Powered by Singapore Polytechnic*
  - AR Experience Room
  - Smart Manufacturing Showcase (Digital Twin)
- Gateway to I4.0**  
*Powered by TÜV SÜD*
- Industry Connect Live Talks**  
*Presented by SG Whole-of-Government (WOG) Pavilion*

**COUNTRY AND INDUSTRY PAVILIONS**

- Whole-of-Government Pavilion
- Singapore Pavilion
- China Pavilion
- Germany Pavilion
- Indonesia Pavilion
- Malaysia Pavilion
- Smart Logistics Pavilion  
*powered by CargoNOW*
- NAMIC Industry Pavilion

**EXHIBITING I4.0 COMPANIES**  
Physical Showcases

**CONFERENCES AND FORUMS**

- Industrial Transformation Forum
- Future of Manufacturing Summit
- Standards Forum
- LogiSYM Conference (Hybrid)
- Global Additive Manufacturing Summit

**DIGITAL SANDBOX**

- Country/Industry Focused I4.0 Segments
- Smart Factory Virtual Walk-through

**DIGITAL EVENT**  
Connect with the rest of the world and foster cross countries collaboration through our digital platform

- AI-powered Business Matching
- Cybersecurity & Connectivity Consultative Clinics  
*Conducted by ESG*
- I4.0 Products & Solution Showcases

DAY 1: 22 NOV	DAY 2: 23 NOV	DAY 3: 24 NOV	DAY 4: 25 NOV	DAY 5: 26 NOV
<p><b>OPENING CEREMONY</b> <i>Shifting The Possibilities</i></p> <p><b>INDUSTRIAL TRANSFORMATION FORUM</b> <i>Shifting The Possibilities</i></p>	<p><b>FUTURE OF MANUFACTURING SUMMIT</b> <i>Bringing Industry 4.0 Within Reach</i></p>	<p><b>STANDARDS FORUM</b> <i>Embarking on your Industry 4.0 journey with standards</i></p> <p><b>CONSULTATIVE CLINICS</b></p>	<p><b>NAMIC GLOBAL ADDITIVE MANUFACTURING SUMMIT DAY 1</b></p>	<p><b>NAMIC GLOBAL ADDITIVE MANUFACTURING SUMMIT DAY 2</b></p>
<p>LOGISYM CONFERENCE 2021</p>				
<p>GATEWAY TO INDUSTRY 4.0 POWERED BY TÜV SÜD</p>				
<p>INDUSTRY 4.0 EXPERIENCE ZONE POWERED BY SINGAPORE POLYTECHNIC</p>				
<p>DIGITAL SANDBOX SESSIONS</p>				
<p>SMART LOGISTICS PAVILION POWERED BY CARGONOW</p>				
<p>ONLINE BUSINESS MATCHING</p>				
<p>ENGAGEMENTS &amp; NETWORKING OPPORTUNITIES</p>				

The programme is updated as of 3 Nov 2021.

For latest update, please refer to <https://www.industrial-transformation.com/conference/industrial-transformation-forum>

## MONDAY, 22 NOVEMBER 2021

### OPENING CEREMONY

Physical Opening @ Singapore EXPO (by invitation only) | Live Streaming @ ITAP CONNECT Digital Platform (open for public)

Time	Activity
10.00 am	Opening Ceremony Introduction by host
10.05 am	<b>Welcome Remarks by Co-organisers</b> <ul style="list-style-type: none"> <li>Jean-Francois Quentin, Group Chief Executive, Constellar Holdings</li> <li>Dr. Jochen Köckler, Chairman of the Managing Board, Deutsche Messe AG</li> </ul>
10.10 am	<b>Keynote Speech by</b> <b>Dr Norbet Riedel, Ambassador of the Federal Republic of Germany to the Republic of Singapore.</b>
10.25 am	<b>Opening Address by Guest of Honour</b> <b>Heng Swee Keat, Deputy Prime Minister and Coordinating Minister for Economic Policies of Singapore</b>
10.35 am	<b>Signing of Memorandum of Understanding:</b> <ul style="list-style-type: none"> <li>Signing of the SEA Manufacturing Alliance (SMA) Collaboration Agreement between Sembcorp and Gallant Venture</li> <li>Signing of the Partnership Agreement for Digital Transformation between SBF, JTC and Singapore Polytechnic (SP)</li> <li>Signing of MOU for Digital Transformation Program between SP and SIMTech</li> </ul>
11.05 am	<b>Industry Presentation:</b> Advantage 4.0 & Why the Window of Opportunity is NOW  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Knut Alicke, Partner, McKinsey &amp; Company</li> </ul>
11.15 am	Tour to Industrial Transformation ASIA-PACIFIC 2021 Exhibition Hall @ Singapore EXPO
	End of Programme

## INDUSTRIAL TRANSFORMATION FORUM (ITF)

Get fresh perspective from the regional business leaders and industry decision makers on how they have leveraged on I4.0 to drive changes and strategic initiatives within their organisations.

TIME	ACTIVITY
<b>Advanced Manufacturing Segment</b>	
11.35 am	<p><b>Fireside Chat: Is the Outlook for Advanced Manufacturing in APAC on Course?</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Francisco Betti, Head of Advanced Manufacturing &amp; Production, World Economic Forum</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Dr Alpesh Patel, Partner, McKinsey &amp; Company</li> </ul>
11.50 am	<p><b>Joint Fireside Chat: Banking on the "Pandemic Dividend" with Industry 4.0 – Is the Window of Opportunity Still Open?</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Paul Marriott, President, SAP Asia Pacific Japan</li> <li>Dr Andreas Hauser, Managing Director, Digital Service, TÜV SÜD Asia Pacific</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Rachel Kelly, MONEY FM89.3 Presenter, SPH Radio</li> </ul>
12.10 pm	<p><b>Keynote: Collaborating for Industry 4.0 Success – How Can We Help Each Other?</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Tan Boon Khai, Chief Executive Officer, JTC</li> </ul>
12.25 pm	<p><b>Panel Discussion: Translating Transformation to the Business Agenda – What Makes Industry 4.0 Compelling?</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Graham Conlon, Vice President, Head of Digital Supply Chain, SAP Asia Pacific Japan</li> <li>Wee Kay Hwa, Chief Operating Officer, REC Solar</li> <li>Saj Kumar, Regional Business Lead, Manufacturing, Microsoft Asia</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Ben Johnson, Knowledge Lead &amp; Team Manager, Industry 4.0/Manufacturing, BCG</li> </ul>
1.00 pm	Lunch Break
<b>Sustainability Segment</b>	
1.30 pm	<p><b>Presentation: Driving Real Change Through a Sustainability Ecosystem</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Sam Garcia, Senior Vice President for Supply Chain AMA, P&amp;G</li> </ul>

1.45 pm	<p><b>Panel Discussion: Facing the Real Costs of Sustainability in Industry – What Needs to Change in the Status Quo?</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Rajan Rajgopal, President &amp; Chief Executive Officer, DenseLight Semiconductors</li> <li>Paradorn Chulajata, Managing Director, Prepack Thailand and Honorary Chairman, Plastic Industry Club</li> <li>Toru Sasaki, Global Head of Corporate Sustainability Headquarters, Azbil Corporation, Japan</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Vishal Agarwal, Senior Partner, McKinsey &amp; Company</li> </ul>
2.30 pm	Break
<b>Supply Chain Segment</b>	
2.40 pm	<p><b>Keynote Presentation: Remaking the World’s Post-Pandemic Value Chains – Prospects for Renewal &amp; Innovation</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Shalabh Baksi, Siemens</li> </ul>
2.55 pm	<p><b>Presentation: Supply Chain 4.0 - Agility and Resilience in Action</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Jenica Chua, Industry Director for Manufacturing, Microsoft</li> </ul>
3.10 pm	<p><b>Panel Discussion: Are APAC’s Supply Chains More Resilient Today? Gaps, Issues &amp; Opportunities</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Pierre-Damien Martinet, Industrial Affairs/Evolutive Vaccines Facility (EVF) Digital Head, Sanofi Pasteur</li> <li>Koen de Backer, Vice President Smart Manufacturing &amp; AI, Micron Technology</li> <li>Ng Kee Wee, Vice President, Supply Chain Management, Jabil</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Ashish Pathak, Global Program Manager - Supply Chain, BCG</li> </ul>
3.50 pm	<p><b>Closing Remarks by</b> <b>Jean-Francois Quentin, Group Chief Executive, Constellar Holdings</b></p>

The ITF programme is updated as of 5 Nov 2021.

For latest update, please refer to <https://www.industrial-transformation.com/conference/industrial-transformation-forum>

## DIGITAL SANDBOX DAY 1

The Digital Sandbox at ITAP2021 is where we feature both virtual and live partner presentations and sessions that cover industry insights, case studies, technology innovations, initiatives from different regional countries and industry sector developments to a global audience.

TIME	ACTIVITY
11.30 am	Virtual Factory Walk-Through
<b>Malaysia Country-Focused Segment</b>	
11.50 am	<p><b>Welcome and Opening Remarks</b></p> <p><b>Keynote by Dato' Sri Mustapa Mohamed, Minister in Prime Minister's Department (Economy)</b></p> <p><b>Presentation by Fabian Bigar, CEO, MyDigital</b></p> <p><b>Video Highlights</b></p> <p><b>Panel Discussion: How Industry 4.0 + Innovation Drive New Value Propositions for Malaysia's Manufacturing Sectors</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Jaffri Ibrahim, CEO, Collaborative Research in Engineering, Science and Technology (CREST)</li> <li>Tony Yeoh, CEO, Digital Penang</li> <li>Mahadzir Aziz, CEO, Multimedia Development Corporation (MDEC)</li> <li>Fabian Bigar, CEO, mydigital</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Sheila Singam, Principal, Human Equation &amp; Co-founder, Pathway</li> </ul>
1.00 pm	<p><b>Partner Presentation: Future-Proofing Supply Chains for Great Resiliency</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Whitney Shisel, Product &amp; Segment Marketing Director APAC, UPS APAC Region</li> </ul>
<b>Singapore Manufacturing Alliance Highlight Segment</b>	
1.20 pm	<p><b>Welcome &amp; Introduction by EDB</b></p> <p><b>Opening Remarks &amp; Launch of Report: Investing In Southeast Asia: Reimagining Manufacturing And Supply Chains</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Atul Chanda, EY ASEAN Consumer Products and Supply Chain Leader</li> </ul> <p><b>Panel Discussion: Propelling Manufacturing in Southeast Asia</b></p> <p><b>Speaker:</b></p>

	<ul style="list-style-type: none"> <li>Atul Chanda, EY ASEAN Consumer Products and Supply Chain Leader</li> <li>Aylwin Tan, Chief Customer Solutions Officer, CapitaLand</li> <li>Lawrence Yip, Senior Vice President &amp; Chief Marketing Officer, Sembcorp Development</li> <li>Edmund Lai, Head of Riau Investments, Gallant Venture</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Alfred Lum, Regional Vice President for Asia Pacific, Singapore Economic Development Board</li> </ul>
2.20 pm	<p><b>Partner Presentation: Driving Forward Workforce Efficiency in this New Era of Disruption</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Derry Sak, Industry Marketing Manager, Asia Pacific and India, Honeywell Productivity Solutions and Services, Malaysia</li> </ul>
<b>SP-SBF_JTC Segment Highlight</b>	
2.40 pm	<p><b>Guided, Structured and Holistic Platform to Help Accelerate Digital Transformation</b></p> <p><b>Presentation: Success Drivers of i4.0 Transformation</b></p> <p><b>Presentation: Mindset Transformation</b></p> <p><b>Presentation: Skillset Transformation</b></p> <p><b>Close</b></p>
<b>SGINNOVATE – Digital Transformation Journey with Startups</b>	
4.10 pm	<p><b>Opening Remarks by SGInnovate</b></p> <p><b>Case Study 1</b></p> <p><b>Case Study 2</b></p>

*The Digital Sandbox programme is updated as of 5 Nov 2021.*

For latest update, please refer to <https://www.industrial-transformation.com/conference/digital-sandbox>

## TUESDAY, 23 NOVEMBER 2021

### FUTURE OF MANUFACTURING SUMMIT

Hear from the experts who address the complexity in I4.0 adoption and overcoming the associated challenges faced, in line with the industry-wide efforts to encourage uptake and foster greater receptivity to I4.0.

Co-organised with:



TIME	ACTIVITY
9.40 am	<b>Opening &amp; Welcome Remarks by Prof. Tan Sze Wee, Assistant Chief Executive (Enterprise), A*STAR</b>
9.50 am	<b>Keynote Address: Passing the Stress Test – How Crisis Revealed the Value of Industry 4.0</b> <b>Speaker:</b> <ul style="list-style-type: none"> <li>Celeste Yeo, Senior Vice President &amp; Site Head Plant Singapore, Infineon Technologies APAC Pte Ltd</li> </ul>
10.00 am	<b>Keynote on Sustainability: Navigating the Reset in Priorities for Transformation – A Bigger Picture on What Comes Next</b> <b>Speaker:</b> <ul style="list-style-type: none"> <li>Robin Smale, Partner, McKinsey &amp; Company, and Co-founder, Vivid Economics</li> </ul>
10.10 am	<b>Panel Discussion: Acting on Sustainability and Transformation Priorities in Manufacturing – How Should Businesses Move Forward?</b> <b>Speaker:</b> <ul style="list-style-type: none"> <li>Manish Pant, Zone President for East Asia &amp; Japan, Schneider Electric</li> <li>Lagnajit Patnaik, Regional Director &amp; Head of Cloud ERP COE, SAP Asia Pacific Japan</li> <li>May Yap, Senior Vice President and Chief Information Officer, Jabil</li> <li>Chan Hai Kiang, Managing Director, Flexspeed Technology</li> </ul> <b>Moderator:</b> <ul style="list-style-type: none"> <li>Bo Huang, Associate Partner, McKinsey &amp; Company</li> </ul>
10.50 am	<b>Keynote Presentation: Delivering on a Holistic Approach to Transformation for Process Industries</b> <b>Speaker:</b> <ul style="list-style-type: none"> <li>Joachim Braun, President, Process Industries, ABB</li> </ul>
11.00 am	<b>Panel Discussion: Walking the Talk on Pursuing Energy Transition &amp; Decarbonisation – What Will it Take to Align Management Agendas &amp; Mindsets for Meaningful Change?</b> <b>Speaker:</b> <ul style="list-style-type: none"> <li>Pravin Raj, Senior Manager for Strategic Planning, Asia Pacific, Emerson Automation Solutions</li> </ul>
11.30 am	<b>Break</b>
11.35 am	<b>Roundtable #1 (by Invitation only)</b> <b>Navigating Priorities Across the Management Suite – Framing Industry 4.0 Value Propositions to Change Mindsets &amp; Gain Buy-In</b>

1.00 pm	<p><b>Presentation: Keeping Pace with New Technologies Enabling Industry 4.0 and What It Means for Performance</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Andy Hancock, Global Vice President Centre of Excellence, SAP Digital Supply Chain</li> </ul>
1.10 pm	<p><b>Panel Discussion: Navigating Evolving Technologies and Standards and the Implications for Process Industries</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Dr Antonio Feraco, Managing Consultant, Industry 4.0 and Vice President, Digital Service, TÜV SÜD Asia Pacific</li> <li>Michael Kessler, Executive Vice President Components &amp; Technology, Pepperl+Fuchs SE</li> <li>Sharul B A Rashid, Group Technical Authority &amp; Custodian Engineer, Instrument &amp; Control, Petronas, Malaysia</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Jonas Berge, Senior Director, Applied Technology, Plantweb, Emerson Automation Solutions</li> </ul>
2.00 pm	<b>Break</b>
2.10 pm	<p><b>Keynote Address: Delivering Right-Paced &amp; Right-Sized Transformation</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Alex Teo, Vice President &amp; Managing Director – South East Asia, Siemens Digital Industries Software</li> </ul>
2.20 pm	<p><b>Panel Discussion: Overcoming Barriers to Transformation – How Can Industry 4.0 Be More Accessible to Manufacturers and Businesses?</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Joyce Seow, Group Executive Director, Watson E P Industries</li> <li>Jackie Tan, WEF Fellow &amp; Vice President, Industry 4.0 Consultancy, TÜV SÜD Digital Service</li> <li>Cecilia Ku, General Manager, Delta Electronics International</li> <li>Tobias Botzenhardt, Vice President &amp; Head of Business Unit Process Automation ASEAN &amp; Software for Process Industries APAC, Siemens</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Dennis Ling, Group Director (Industry Development), Enterprise Division, Agency for Science, Technology &amp; Research (A*STAR)</li> </ul>
3.00pm	<p><b>End of FoM Summit &amp; Closing by Prof. Tan Sze Wee, Assistant Chief Executive (Enterprise), A*STAR</b></p>
3.00 pm	<p><b>Roundtable #2 (by Invitation only)</b> <b>Practical Approaches to Right-Pacing &amp; Right-Sizing Transformation</b></p>

The FoM Summit programme is updated as of 5 Nov 2021.

For latest update, please refer to <https://www.industrial-transformation.com/conference/future-of-manufacturing-summit>



## DIGITAL SANDBOX DAY 2

The Digital Sandbox at ITAP2021 is where we feature both virtual and live partner presentations and sessions that cover industry insights, case studies, technology innovations, initiatives from different regional countries and industry sector developments to a global audience.

TIME	ACTIVITY
10.10 am	Partner Presentation
<b>Vietnam Country-Focused Segment</b>	
10.30 am	<p><b>Welcome &amp; Opening Remarks</b></p> <p><b>Keynote by Dr Pham Tuan Anh, Chief Information Officer &amp; Director, BECAMEX Smart City Office and Director of Smart Manufacturing Innovation Center, BECAMEX IDC Corporation</b></p> <p><b>Video Highlights: BECAMEX Smart Manufacturing Centre</b></p> <p><b>Panel Discussion: How Industry 4.0 Is Driving New Value Propositions for Vietnam's Manufacturing Sectors</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Dr Nguyen Viet Long, Director of Provincial Department of Science and Technology, Binh Duong Smart City Officer</li> <li>Dr Pham Tuan Anh, Chief Information Officer &amp; Director, BECAMEX Smart City Office and Director of Smart Manufacturing Innovation Center, BECAMEX IDC Corporation</li> </ul> <p><b>Audience Q&amp;A</b></p>
12.00 pm	Live Exhibition Tour
12.20 pm	Partner Presentation
<b>India Country-Focused Segment</b>	
1.20 pm	<p><b>Opening Address by Representative of Confederation of Indian Industry (CII) Smart Manufacturing Council</b></p> <p><b>Panel Discussion: Smart Manufacturing in India</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Gautam Dutta, Director – Marketing, Siemens Digital Industries Software</li> <li>Dr Banna Rao, Senior Manager, Aviation &amp; Aerospace Solutions Centre, Republic Polytechnic</li> <li>Prabakar P. Selvam, President &amp; CEO, Cantier</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Glen Tan, Group Partner, Tandem-X</li> </ul> <p><b>Video launch: CII Smart Manufacturing Platform – Singapore Microsite</b></p> <p><b>Closing remarks by Tan Soon Kim, Assistant Chief Executive, Enterprise Singapore</b></p>

2.20 pm	Malaysia Drone Industry Segment Highlight
<b>Semiconductor Industry Segment Highlight</b>	
3.20 pm	<p>Welcome &amp; Opening Remarks</p> <p>Introduction to the Singapore Semiconductor Intelligent Manufacturing Framework</p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Ang Wee Seng, Executive Director, Singapore Semiconductor Industry Association (SSIA)</li> </ul> <p>Presentation: Introduction to the Intelligent Manufacturing Framework</p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Jonathan Chang, VP of Information Technology &amp; Intelligence Management, Vanguard</li> </ul> <p>Panel Discussion with Audience Q&amp;A: Transformation for Intelligent Manufacturing</p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Jonathan Chang, Vanguard, VP of Information Technology &amp; Intelligence Management</li> <li>Jimmy Goh, Enterprise Architect, GlobalFoundries</li> <li>Peter Lendermann, Chief Business Development Officer and Co-founder, D-Simlab</li> <li>Akanksha Jagwani, CEO and Co-Founder, SixSense</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Julie Koh, Strategic Programs Director, SSIA</li> </ul>
4.20 pm	Live Exhibition Tour

The Digital Sandbox programme is updated as of 5 Nov 2021.

For latest update, please refer to <https://www.industrial-transformation.com/conference/digital-sandbox>

## ITAP | LogiSYM CONFERENCE 2021 Day 1



TIME	ACTIVITY
9.00 am	Organising Chairman's Welcome Address by Stephanie Krishnan, Research Director, Manufacturing Insights, IDC Asia/Pacific
9.30 am	Guest of Honor Address by Cheryl Chan Wei Ling, Group Chief Strategy and Sustainability Officer, ST Engineering
9.45 am	Keynote Address: Asia Pacific: COVID-19's Impact on Supply Chains and Order Fulfilment

Organised by:



International Partner:



[www.industrial-transformation.com](http://www.industrial-transformation.com)

10.05 am	<b>Panel Discussion: Risk and reward: Designing Supply Chain Ecosystems for Success</b>
10.50 pm	<b>Morning Refreshment</b>
11.20 am	<b>Presentation: Integrating and Orchestrating End-to-End Supply Chains for Manufacturers</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Andreas Wramsmyr, Chief Executive Officer and Founder, Adnavem</li> </ul>
11.50 pm	<b>Panel Discussion: Supply Chain Integration: Reality or Illusion?</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Scott Phillips, Supply Chain Director – Global Shoes Production &amp; Sourcing, ECCO Shoes</li> <li>Sanjay Desai, Advisory Member on Board, GoComet.com (Singapore), LogiSYM Singapore, Vivantaa Capital (India)</li> </ul>
12.35 pm	<b>Is your supply chain future ready for the New Normal?</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Mark Lau, Chief Commercial Officer, TVS Supply Chain Solutions (SCS)</li> </ul>
1.00 pm	<b>Lunch Break</b>
1.45 pm	<b>Presentation: Is Cold Chain Logistics the next frontier for Asia Pacific</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Wallace Tay, Regional Director Asia, SSI SCHAEFER</li> </ul>
2.15 pm	<b>Panel Discussion: Ensuring Successful Transformation – Avoiding Issues and Driving Change</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Dr Christopher Holmes, Managing Director, IDC Insights Asia Pacific</li> <li>Andreas Wramsmyr, CEO and Founder, Adnavem</li> <li>Kendrick Ng, Director, Logistics and Supply Chain, JR Strategic</li> </ul>
3.00 pm	<b>Presentation: Manufacturing after COVID-19: Circular Digitized and Sustainable</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Timothy Tan, Head, Enterprise Business IT &amp; Mobile, Samsung Electronics Singapore</li> </ul>
3.30 pm	<b>Afternoon Refreshments</b>
4.00 pm	<b>Tour to Industrial Transformation ASIA-PACIFIC 2021 Exhibition Hall @ Singapore EXPO</b>

The LogiSYM Conference Programme is updated as of 3 Nov 2021.  
 For latest update, please refer to <https://www.industrial-transformation.com/conference/itap-logisym-conference-2021>

## WEDNESDAY, 24 NOVEMBER 2021

### STANDARDS FORUM

Learn from international and local experts as they share insights on how adopting standards can help companies to accelerate their I4.0 journey and strengthen their cybersecurity and connectivity capabilities.



TIME	ACTIVITY
10.00 am	<b>Welcome and Introduction: Standards enabling Industry 4.0</b>
10.05 am	<b>Keynote Presentation: Implementation of Industry 4.0 Solutions Through Standards In Singapore</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Choy Sauw Kook, Director-General (Quality &amp; Excellence), Enterprise Singapore</li> </ul>
10.15 am	<b>Keynote Presentation: Germany's Experience In Industry 4.0 Enabled by Standards</b>  <b>Speaker</b> <ul style="list-style-type: none"> <li>Dr Jens Gayko, Managing Director, Standardization Council Industrie 4.0</li> </ul>
<b>Session 1: How Enterprises Can Fast-Track Their Industry 4.0 Journey with Standards</b>	
10.30 am	<b>Building Enterprises' Capabilities In Industry 4.0</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Dr Alpesh Patel, Partner, McKinsey &amp; Company</li> </ul>
10.40 am	<b>Panel Discussion #1: Journey Towards Industry 4.0 With Standards</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Dr Alpesh Patel, Partner, McKinsey &amp; Company</li> <li>Dr Tan Puay Siew, Research Division Director of Singapore Institute of Manufacturing Technology, A*STAR</li> <li>Professor John H. L. Pang, Deputy Director, Advanced Manufacturing Training Academy (AMTA)</li> <li>Mok Hon Yong, Chief Strategy Officer, Onn Wah Tech Pte Ltd</li> </ul> <b>Moderator:</b> <ul style="list-style-type: none"> <li>Tay Jih-Hsin, Deputy Chairman, Singapore Standards Council</li> </ul>
11.20 am	Break
<b>Session 2: How Enterprises Can Build Up Their Industry 4.0 Capabilities Through Standards</b>	
11.25 am	<b>Simple Steps And Easy Ways To Help Enterprises Set Up A More Cyber Secure And Resilient Manufacturing Facility</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Dr Andreas Hauser, Managing Director, Digital Service, TÜV SÜD Asia Pacific</li> </ul>
11.35 am	<b>Understanding Connectivity for Enterprise Implementation of Industry 4.0 Technologies, and How SS IEC 62541 OPC UA Standards Can Be Applied for Small And Medium Enterprises</b>

	<p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>David Chia, Head of OPC Hub ASEAN, Managing Director, Beckhoff Automation</li> </ul>
11.45 am	<p><b>Manufacturing Intelligence Through A Standards-based Approach</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Chris Monchinski, Convenor of ISO/IEC Joint Working group on Enterprise-control System Integration &amp; Vice President, Automated Control Concepts</li> </ul>
11.55 am	<p><b>Panel Discussion 2: Getting the Fundamentals of Cybersecurity and Connectivity Right for Successful Implementation of Industry 4.0 Technologies</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Dr Andreas Hauser, Managing Director, Digital Service, TÜV SÜD Asia Pacific</li> <li>David Chia, Head of OPC Hub ASEAN, Managing Director, Beckhoff Automation</li> <li>May Chng, Partner &amp; Chief Operating Officer, Flexxon Pte Ltd</li> <li>Chris Monchinski, Convenor of ISO/IEC Joint Working group on Enterprise-control System Integration &amp; Vice President, Automated Control Concepts</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>Yeoh Pit Wee, Chairman of Smart Manufacturing Technical Committee, Singapore Standards Council</li> </ul>
12.35 pm	End of Programme

The Standard Forum Programme is updated as of 5 Nov 2021.

For latest update, please refer to <https://www.industrial-transformation.com/conference/standards-forum>

## DIGITAL SANDBOX DAY 3

The Digital Sandbox at ITAP2021 is where we feature both virtual and live partner presentations and sessions that cover industry insights, case studies, technology innovations, initiatives from different regional countries and industry sector developments to a global audience.

TIME	ACTIVITY
10.30 am	Partner Presentation
10.40 am	Live Exhibition Tour
<b>Aerospace Industry Segment Highlight</b>	
11.00 am	<p>Welcome &amp; Introduction</p> <p>Opening remarks by Mr K. Y. Sia, Chief Executive, Association of Aerospace Industries Singapore (AAIS)</p> <p>Panel discussion: Creating New Value Propositions for APJ's Aerospace Ecosystem with Industry 4.0</p> <p><b>Speaker:</b></p>

	<ul style="list-style-type: none"> <li>Hanakata Minoru, General Manager, Society of Japanese Aerospace Companies (SJAC)</li> <li>Naguib Mohd Nor, President, Malaysia Aerospace Industry Association (MAIA)</li> </ul> <p><b>Moderator:</b></p> <ul style="list-style-type: none"> <li>K. Y. Sia, Chief Executive, AAIS</li> </ul> <p><b>Presentation: Harnessing Data-Driven Insights for New Value-Add and Service Capabilities</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Shawn Lee, Head of Digital Solutions APAC, Airbus Group</li> </ul>
12.10 pm	<b>Virtual Factory Walk-Through</b>
12.30 pm	<p><b>Partner Presentation: Best Practices in Securing Industrial Networking Equipment</b></p> <p><b>Speaker:</b></p> <ul style="list-style-type: none"> <li>Jonnell Galibo, Solution Consultant, Belden Singapore</li> </ul>
<b>Indonesia Country-Focused Segment</b>	
12.50 pm	<p><b>Welcome Remarks</b></p> <p><b>Opening Remarks by Directorate General of KPAII, Ministry of Industry</b></p> <p><b>Keynote: Digital Transformation at ILMATE Segment</b></p> <p><b>Presentation: PIDI4.0 - Unleashing the Digital Transformation Potential of Indonesian Manufacturing Industry by BPSDMI</b></p> <p><b>Presentation: Industry 4.0: Delivering Change, Moving Up the Ladder for SMEs (with Q&amp;A) by IKMA</b></p> <p><b>Presentation: Journey of Digital Transformation</b></p> <p><b>Presentation: Navigating the 4.0 Era: Identifying Opportunities and Creating Innovation (with Q&amp;A)</b></p>
1.50 pm	<b>Partner Presentation</b>
2.20 pm	<b>Live Exhibition Tour</b>

*The Digital Sandbox programme is updated as of 5 Nov 2021.*

For latest update, please refer to <https://www.industrial-transformation.com/conference/digital-sandbox>

## ITAP | LogiSYM CONFERENCE 2021 Day 2



TIME	ACTIVITY
9.00 am	<b>Presentation: Full factory/warehouse autonomy, autonomous decision-making using AI/ML</b>
9.30 am	<b>Panel Discussion: Introducing AI in Logistics – What, Why and How?</b>
10.15 am	<b>Presentation: Automating the Future of Logistics</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Allan Maki, General Manager Solution Design and Implementation ANZ, CEVA Logistics</li> <li>Darren James, Innovation Manager, ANZ, CEVA Logistics</li> </ul>
10.45 am	<b>Panel Discussion: Opportunities for Automation in Warehousing and Distribution Centers</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Allan Maki, General Manager Solution Design and Implementation ANZ, CEVA Logistics</li> <li>Bob Gill, General Manager, Southeast Asia, ARC Advisory Group</li> <li>Kavin D’Souza, Head of Logistics, DFI Retail Group</li> <li>Sean Lim, Country Manager – Singapore, SSI SCHAEFER</li> </ul>
11.30am	<b>Presentation: The European Freight and Logistics Leaders’ Forum</b>
11.45 pm	<b>Presentation: Visibility to Last mile, the Complexities of E-Commerce</b>
12.15 pm	<b>Takeaway Panel: Parting Advice and Closing Remarks</b>  <b>Speaker:</b> <ul style="list-style-type: none"> <li>Stephanie Krishnan, Research Director, Manufacturing Insights, IDC Insights Asia Pacific</li> </ul>

The LogiSYM Conference Programme is updated as of 3 Nov 2021.  
For latest update, please refer to <https://www.industrial-transformation.com/conference/itap-logisym-conference-2021>

## Others Daily Programme:

#	Where you can go	Platform	What you get
1	<b>Gateway to Industry 4.0</b>	Physical @ Singapore EXPO	Get inspired by the gallery showcase of I4.0 evolution powered by TÜV SÜD. Kick-start your business transformation journey by learning the transformative outcomes of practical application demonstrating real value and benefits.
2	<b>Experience Zone</b>	Physical @ Singapore EXPO	Dive into an immersive AR experience to the Singapore Polytechnic's Advanced Manufacturing Learning Journey (AMLJ). Explore i4.0 enabling technologies that designed to automate processes in manufacturing plants and commercial facilities.
3	<b>Digital Sandbox</b>	Live Streaming @ ITAP CONNECTED Platform	Get inspired by manufacturing industry practitioners and professionals sharing practical experiences, and country/industry focused I40 topics at our digital sandbox.
4	<b>Virtual Walkthrough</b>	Live Streaming @ ITAP CONNECTED Platform	Explore the transformation technologies, hardware, innovative pilots and deployment concepts that suit to your business needs, through our special curated virtual tours to the Factory of Future!
5	<b>Consultative Clinics</b>	Online	Get new insights and industry best practices on how manufacturing companies can adopt standards to bolster their connectivity and cybersecurity capabilities. Get your questions answered by experts in a small group online setting. This programme is co-organised by Singapore Standards Council (SSG), Enterprise Singapore (ESG), OPC Foundation, TÜV SÜD, and is supported by Responsible Cyber and AN Security.
6	<b>Business Matching</b>	Online @ ITAP Connected Platform	Make quality connections and maximise networking opportunities with our advanced AI-powered matching platform that connects you to your most valuable leads, prospect, and possibilities.
7	<b>I4.0 Products &amp; Solutions Showcase</b>	Physical @ Singapore EXPO Online @ ITAP Connected Platform	Explore a comprehensive suite I4.0 products and solution showcase, and live demonstration which suit to your business needs on both physical and digital platform.
8	<b>Country &amp; Industry Pavilion</b>	Physical @ Singapore EXPO Online @ ITAP Connected Platform	Find out more from I4.0 products and solution providers and subject experts from country pavilions by Singapore, Germany, Malaysia, China and industry pavilions by Smart Logistics Powered by CargoNOW and NAMIC Industry Pavilion
9	<b>Connect &amp; Network</b>	Physical @ Singapore EXPO Online @ ITAP Connected Platform	Virtual meeting and networking with business partners through a comprehensive suite of engagement tools that help you make the right connections.



Scan here to register for your digital pass today!