Industrial Transformation
ASIA-PACIFIC 2020

Asia-Pacific’s Leading Trade Event for Industry 4.0

20 - 22 October 2020
Singapore Expo

www.industrial-transformation.com

We help companies in Asia-Pacific start, scale & sustain their transformation journey

CONNECT WITH US
CONNECT WITH ASIA-PACIFIC
Digital transformation is changing the business world and redefining manufacturing. Technological advancements such as big data, robotics, artificial intelligence, additive manufacturing, etc., are redefining processes, design and production facilities, distribution systems and global supply chains. Manufacturers and businesses, from MNCs to SMEs, in Asia-Pacific recognise the need to change and adapt their current unsustainable business models. Despite the industry’s growing readiness to learn and adopt, the pace of transformation is uneven.

**Industrial Transformation ASIA-PACIFIC** is a strategic platform shaped by industry leaders and experts to evolve with the industry in support of transformation initiatives. It emerged from deep community discussions among industry stakeholders who are keen to discover insights ranging from Industry 4.0, advanced manufacturing, smart logistics, and supply chain management solutions to R&D, technology transfer, and workforce development. The event serves industry sectors such as aerospace, automotive, chemical, consumer goods manufacturing, electrical & electronics, energy, food & beverage, infrastructure & facilities, logistics & supply chain management, oil & gas, pharmaceutical & biotechnology, precision engineering, semiconductor, and urban solutions amongst others.

The event returns this year with a very focused and specialised approach to speed up Industry 4.0 adoption with practical learning platforms and scalable solutions across 4 key segments i.e. **Additive Manufacturing, Digital Factory, Industrial Automation**, and **Intralogistics**. The event will showcase actionable Industry 4.0 solutions to inspire and deepen understanding among attendees, and help businesses at varying stages of adoption to Start, Scale and Sustain their Industry 4.0 transformation journey.
# The Facts That Matter

- **23,000** total attendees from 77 countries
- **27%** C-level attendees
- **20%** foreign attendees
- **200** regional hosted buyers and **47** regional delegations
- **350** exhibitors from 30 countries
- **8** national pavilions
- **30** new products launched
- **119** off-site technical tour participants
- **2,700** guided tour participants
- **13** MOUs signed between industry players
- **Over 1,100** successfully facilitated business matches

### Industry Sectors

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<thead>
<tr>
<th>Rank</th>
<th>Sector</th>
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<tbody>
<tr>
<td>1</td>
<td>Electrical &amp; Electronics</td>
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<td>2</td>
<td>Semiconductors</td>
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<tr>
<td>3</td>
<td>Automotive</td>
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<td>4</td>
<td>Oil &amp; Gas</td>
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<tr>
<td>5</td>
<td>Aerospace</td>
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<td>6</td>
<td>Logistics &amp; Supply Chain</td>
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<td>7</td>
<td>Infrastructure &amp; Facilities</td>
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<td>8</td>
<td>Pharmaceutical &amp; Biotechnology</td>
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<td>9</td>
<td>Food &amp; Beverage</td>
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<td>10</td>
<td>Energy</td>
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6 REASONS
WHY YOU MUST
TAKE PART

01 Connect with Us, Connect with Asia-Pacific
We listen closely to the needs of Asia-Pacific companies who are facing Industry 4.0 disruption and we have curated content platforms to connect you to manufacturers in Asia-Pacific ensuring that they find the right guidance to determine the best solutions customised for their needs.

02 We Provide the Platform for Your Ideas
We facilitate the exchange of ideas and information between manufacturers and solution providers, and to form the right partnerships to drive company transformation forward.

03 We Connect You with the Contacts You Want
The essence of what we do is to boost collaboration and communication by connecting you with the right people.

04 We are the Platform for Inventive and Innovative Industry 4.0 Solutions
We invite you to further establish this transformation journey together with our valued visitors in this proven success platform. Showcase your cutting edge innovative technologies and demonstrations of applied solutions that address their pain points in operations, sharpen competitive edge and drive bottom-line impact.

05 We Curate Unique Content, You Do Business
We apply design thinking to curate unique content according to what your customers need and bring you the right target audiences.

06 We Address the Unmet Needs of SMEs in Asia
We are the preferred event for regional SMEs wanting to learn, adopt and source for bite-sized and affordable Industry 4.0 solutions.

Be PREPARED, Be INFORMED, ACT NOW

ASK US FOR MORE DETAILS
Industrial Transformation ASIA-PACIFIC is supported by strategic stakeholders of the industry to provide advice for the delivery and achievement of the strategic objectives set out for the event.
WHAT TO EXPECT IN 2020

ENGAGING AND INCLUSIVE WITH A DIFFERENCE

Industrial Transformation ASIA-PACIFIC is designed as a Learning Journey, comprising on- and off-line activities and programmes for targeted audience groups across multiple industry sectors and markets, addressing their different needs, levels of understanding and adoption.

GATEWAY TO INDUSTRY 4.0
Designed as a personalised learning journey with LIVE demonstrations, the “Gateway to Industry 4.0” is a curated gallery on the evolution of Industry 4.0. It aims to inspire attendees on how to kick-start their Industry 4.0 journey by showcasing the transformative outcomes of practical applications demonstrating real benefit.

LEARNING LABS
Demonstration areas to showcase the applications of innovative ready-to-market products and solutions around Additive Manufacturing and Intralogistics.

COLLABORATION LAB
Featuring bite-sized and customisable solutions that are targeted at SMEs. The showcase and demonstrations of affordable, and cost-effective solutions, show SMEs that Industry 4.0 solutions are within their reach.

CONTENT PLATFORMS
Our multiple content platforms present opportunities for relevant audience segments to learn and close knowledge gaps. They include the Future of Manufacturing and Global Additive Manufacturing Summits, by-invitation-only Industry Roundtables, Standards Forum, free-to-attend open mic Sandbox programmes, and industry-driven workshops led by expert practitioners and thought-leaders.

ROBOTICS EXPERIMENTAL ZONE
Showcase of robotic displays and interactive exhibits that emphasise their importance in advanced manufacturing and service sectors.

START-UP ZONE
Curated zone bringing together technology providers, innovators and investors to explore technology and business collaboration through open innovation.

RESEARCH & TECHNOLOGY ZONE
Explore possibilities with higher learning institutions and co-curate Industry 4.0 solutions for specific business needs.

PRECISION MACHINING ZONE
Deepen understanding of smart machining and how to deploy cost-effective solutions to upgrade and improve machine lifespan and performance.

INVESTMENT ZONE
Featuring industrial parks that promote free-trade, export processing, special economic, and high-tech zones.

INDUSTRY GUIDED TOURS
Industry-focused on-site tours for attendees to have a clearer and concise overview of specific exhibits, demonstrations, and developments which matter to them.

TECHNICAL TOURS
Off-site tours to selected Industry 4.0 showcases, innovative pilots and deployment concepts in the field.

ITAP ACADEMY
A 24/7 content and video-on-demand online learning platform. It offers content in accessible formats in up to 6 regional languages for attendees and stakeholders interested in having ongoing insights and thought-leadership on Industry 4.0 topics.

CONTENT PLATFORM AT A GLANCE

Designed for different audiences, the platforms offer learning options to close knowledge gaps. They include the Future of Manufacturing and Global Additive Manufacturing Summits, Industry Roundtables, Standards Forum, Sandbox sessions and Workshops led by experts and thought-leaders.

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<tbody>
<tr>
<td>Future of Manufacturing (FoM) Summit and Roundtable Discussion</td>
<td>Opening Ceremony</td>
<td>Roundtable Discussions / Workshops</td>
<td>Standards Forum &amp; Masterclasses</td>
<td>Corporate / Association Hosted Receptions</td>
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<tr>
<td>Global Additive Manufacturing Summit</td>
<td>Roundtable Discussions / Workshops</td>
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<td>Sandbox Programmes</td>
<td>Technical Tours</td>
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Business Networking Receptions
A PLATFORM TO SHAPE THE LEARNING, DEVELOPMENT AND ADOPTION OF INDUSTRY 4.0 ACROSS KEY MANUFACTURING SECTORS IN ASIA-PACIFIC

As manufacturers in the Asia-Pacific region begin to understand that their current business models are no longer sustainable, economies and businesses have to embark on their own transformational roadmaps. However, the pace of each journey is different and uneven, with players at varying stages of adoption.

The Unique “Learning Journey” is then curated as an experiential, immersive and customised experience for Asia-Pacific manufacturing organisations and attendees at different stages of readiness for Industry 4.0, to engage, catalyse thinking, inspire, deepen understanding, and help create linkages for collaboration.

A UNIQUE LEARNING JOURNEY

YOUR BUSINESS TRANSFORMATION STARTS HERE

YOUR BUSINESS TRANSFORMATION CONTINUES

Gateway to Industry 4.0

Learning Labs

Collaboration Lab

Content Platforms

Robotics Experimental Zone

Start-up Zone

Research & Technology Zone

Precision Machining Zone

Investment Zone

Technical Tours

ITAP Academy

Precision Machining Zone

Technical Tours
EXHIBITOR CATEGORIES

ADDITIVE MANUFACTURING
Integrated Industrial 3D Printing Solutions
• 3D Modelling Software
• 3D Printers
• Manufacturing Solutions
• Materials & Components
• Quality Management & Metrology
• Rapid Prototyping
• Research & Development

DIGITAL FACTORY
Integrated Processes & IT Solutions
• Asset Management Systems
• Big Data Management
• Cloud Computing
• Cyber Security
• Data Infrastructure
• Design & Product Development
• Digital Twin
• Energy Management Solutions
• Enterprise Resource Planning (ERP)
• Manufacturing Execution Systems (MES)
• Power-Saving Production Technologies
• Predictive Maintenance
• Product Life Cycle Management (PCM)
• Research & Development
• Security Technology
• Training & Education
• Virtual & Augmented Reality
• Virtual Commissioning

INDUSTRIAL AUTOMATION
Factory & Process Automation, System Solutions & Industrial IT Solutions
• Assembly & Handling System
• Autonomous Systems
• Cable & Energy Carriers
• Control Systems, Programmable Logic Controller SCADA
• Electrical Power Transmission
• Embedded Systems
• Fieldbus Systems
• Gear, Mechanical Drives Systems
• Heat Recovery Systems
• Heating, Ventilation, Air-Conditioning Equipment
• Industrial Image Processing
• Instrument Measurement & Control
• Industrial Internet of Things (IIot)
• Laser Technology
• Linear Positioning Systems
• Machinery, Appliances & Components for Robotics
• Meter Boards, Distribution Systems for Electrical Building Installation
• Micro-Technology
• Motion Controls
• Process Automation
• Product & Trademark Protection
• Pneumatic Automation Technology
• Research & Development
• Robotics & System Integration
• Robot Simulation & Vision System
• Safety Switches
• Security Components & Systems
• Sensors & Actuators
• Training & Education
• Vibration Measurement Systems

INTRALOGISTICS
Smart Logistics & Supply Chain Management Solutions
• Automated Guided Vehicles
• Automated Storage & Retrieval System
• Conveying Systems
• Eco-palleting System
• Industrial Trucks & Forklifts
• Labelling Systems & Identification
• Lifting Platforms
• Logistics IT
• Packaging & Order Packing Systems
• Racking Systems
• Research & Development
• Storage & Retrieval Equipment
• Space Solutions Providers
• Supply Chain Management Systems
• Training & Education
• Turnkey Systems for Logistics
• Unmanned Aerial Vehicle
• Warehouse Management Systems

VISITOR COMMUNITIES

ASEAN, South Asia, North Asia, Australia and New Zealand.

KEY INDUSTRIES
• Aerospace
• Automotive
• Chemical
• Consumer Goods Manufacturing
• Electrical & Electronics
• Energy
• Food & Beverage
• Infrastructure & Facilities
• Logistics & Supply Chain Management
• Oil & Gas
• Pharmaceutical & Biotechnology
• Semiconductor
• Urban Solutions

JOB FUNCTIONS
• Business Development
• Compliance & Audit
• Finance & Investment
• Information Technology
• Procurement
• Production
• Product Management
• Quality Control & Assurance
• Research & Development
• Technical Sales

JOB LEVELS
• Senior Management
• Consultants
• Decision Makers
• Department Heads
• Engineers
• Factory Planners
• Procurement Managers
• Systems Managers
• Traders

Need A BUSINESS PRESENTATION?
CONTACT US
In order for delegates like me to start implementing Industry 4.0 solutions, it is important to provide a complete learning journey with opportunities for collaboration and exchanging ideas. Of all the shows I’ve been to, this is one of the best curated I’ve seen.

Naguib Mohd Nor, President of Malaysia Aerospace Industry Association

The exchanges and dialogues Oracle had with the ecosystem at this event have been phenomenal. Industrial Transformation ASIA-PACIFIC 2019 allowed us to have meaningful conversations with CXOs on where to start on their Industry 4.0 journeys.

Sunil Wahi, Senior Sales Director, Head of Supply Chain Applications, Asia Pacific, Oracle

Industrial Transformation ASIA-PACIFIC 2019 has provided a great impetus to establishing business contacts and cooperation between Russia and countries in Asia Pacific. We intend to maintain and fully develop the agreements made at this show.

Vladimir Dozhdev, Head of Digital Technologies, Department of Ministry of Industry and Trade of Russian Federation

I was at Industrial Transformation ASIA-PACIFIC 2019 as a Buyer representing 350 member companies. Industry 4.0 is already here. We need to adopt automation but more importantly also understand that we need to adapt - not just to technology changes but also the training and change management that comes with 4.0. This show has enabled me to share my experience, benchmark the best practices and establish mutually symbiotic relationships with a broad range of international exhibitors.

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