intelligent manufacturing

KUALA LUMPUR

5th

7 – 8.4.2027

Kuala Lumpur Convention Centre (KLCC), Malaysia

Event website

Collaborative intelligence across humans, robots and agents

www.myintelligentmanufacturing.com

messe frankfurt

Five years strong: Advancing ASEAN's next industrial era

Now entering its fifth edition, Intelligent Manufacturing Kuala Lumpur (IMKL) has grown alongside ASEAN's rise as a global centre for technology and manufacturing. Since its launch, the conference-led event has brought together the industry's sharpest minds in AI, cloud, robotics and human-centric transformation, and with them, a community built around the practical questions manufacturers face today. IMKL connects companies with relevant technology specialists, helping businesses of every scale co-create the right solutions and plan the journey from concept to deployment.

This edition introduces a stronger, two-day conference programme centred on the theme of Collaborative Intelligence across Human, Robot, and Agents. The programme and product showcases have been enhanced to spotlight new emerging technologies, connect industry players, and bring more of the region's stakeholders into ASEAN's next wave of digitalisation.

Two-day conference

A two-day programme of international keynotes, industry perspectives and case studies exploring the direction of smart manufacturing and digital transformation.

Product showcases

Technology partners, innovators and solution providers demonstrate their systems in a designated area, showing how they work and can be configured around different manufacturing needs.

Breakout sessions

In-depth sessions aligned with the conference theme tracks, where attendees can question industry leaders and examine the subjects raised in the main programme more closely.

Onsite consultations

Private one-to-one sessions with industry experts and solution providers, covering operational challenges from the first steps in automation to AI applications.

A new working relationship

Human, robots and AI agents in ASEAN

The future of manufacturing will be shaped by the relationship between people, robotics and AI. In "The Core Trio", human knowledge and judgement sit alongside the physical capabilities of humanoid robots and AI agents that can interpret data, support decisions and coordinate activity across the factory.

Malaysia already supports a substantial volume of manufacturing across Southeast Asia, including a significant share of the region's back-end semiconductor production. As China-Plus-One shifts bring more manufacturing activity into the region, factories must increase high-precision assembly capacity while contending with workforce constraints. Combining human oversight with collaborative hardware and software offers a way to manage both demands.

Public investment: Why now?

MYR 180 million[1] Industrial Development Fund

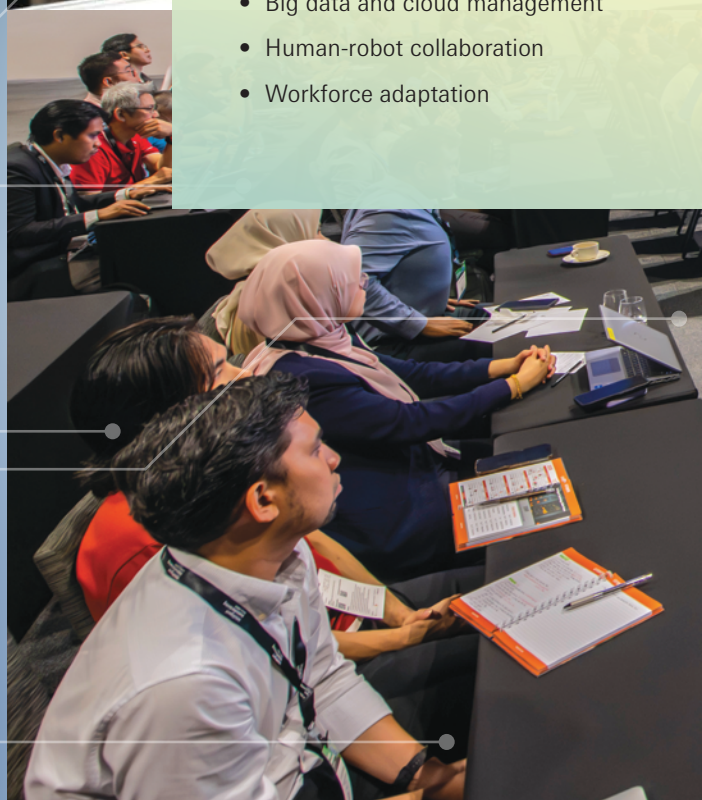
Allocated to accelerate high-value sectors including semiconductors, artificial intelligence, digital technologies and sustainability.

MYR 200 million[2] Strategic Co-Investment Fund

Under the New Industrial Master Plan, the Malaysian government contributes MYR 2 for every MYR 1 raised from private investors, helping SMEs and mid-tier companies invest in automation, robotics, smart factories and process digitalisation.

Topics to be covered

- Technology in practice
- AI and robotics
- Industry developments
- Real world applications
- Big data and cloud management
- Human-robot collaboration
- Workforce adaptation



1: "Budget 2026 Highlights", Malaysian Plastics Manufacturers Association, 22 October 2026, https://qr.messefrankfurt.com/G6393, (retrieved 6 October 2026).

2: "NIMP CoSIF Expands Digitalisation Support with New Smart Manufacturing Scheme", Securities Commission Malaysia, 21 July 2026, https://qr.messefrankfurt.com/9e2e4 (retrieved 6 October 2026).

SPS Stage Kuala Lumpur contributor:
Mr Muhammad Uzair Nazeer, COO of IOT SATA, Metalya S.R.L (SkyMes), Italy

"Software is often seen as a luxury in manufacturing. Factory owners may spend millions on machines because the output is visible, but they cannot see the impact of software until they use it. Speaking at SPS Stage Kuala Lumpur, I wanted to open up that conversation. We also met visitors from the semiconductor and electronics sectors, leaving with customer demos booked and discussions underway."

sps stage
smart production solutions
KUALA LUMPUR

An exclusive opportunity for exhibitors – past or present – from the global Smart Production Solutions (SPS) network seeking to establish or expand their business presence in Malaysia.

Designed to align with IMKL's focus on knowledge exchange and networking, SPS Stage Kuala Lumpur connects international brands with C-level executives and other key industry professionals from the region.

Participants receive a product presentation slot and a demo pod for client engagement, helping companies present their technology and meet potential partners.

Quotes from IMKL 2026

Speaker: Mr Omar Abouelmagd, IT Lead Consultant, BASD – Smart Manufacturing Solutions, Lenovo Technology Sdn Bhd

"Manufacturers from different industries came together to share ideas and learn from one another. What I appreciate most about IMKL is its focus on technical expertise in smart manufacturing rather than sales talk. Presenters, myself included, shared practical insights from experience, so others can implement the same techniques."

Showcase contributor: Ms Sam Su Hui Ling, Co-founder & CEO, Work E Robotics Sdn Bhd

"At IMKL 2026, we showcased two humanoid robots and two quadruped robots. For many visitors, it was their first time seeing humanoid robots up close, with demonstrations of remote operation, inspection and detection showing how the robots could be used in practice. Conversations focused on proof of concept, deployment and how the robots could fit into different working environments."

Delegate and visitor: Mr K.H. Wong, Director, TD Furniture Square Sdn Bhd

"IMKL showed me how far new technologies are advancing globally. The speakers were very knowledgeable, and I believe that if we want to improve, we need to learn from experts. The event helped clarify how we can move forward with technologies such as IoT, open-source ERP and AI."

IMKL 2026 key figures

Visitors by business nature

Manufacturing (Aerospace, metal, rubber, wood, paper and furniture)	14%
Artificial intelligence & robotics	12%
Electrical and electronic	10%
Automotive	10%
Data management / security	7%
Academia / institution / student	6%
Consultant / advisory services	6%

Total exceeds 100 percent due to multiple selections allowed

3,064 visits
62% were decision-makers

385 conference attendees

23 speakers from seven countries and regions (Germany, Hong Kong, Malaysia, Mexico, Singapore, Switzerland and the United Kingdom)

20 conference sessions
3 breakout sessions

Key visitors*

Alibaba Cloud	Bank of China	Bossard	Daikin	Dell	Denso
EnerSys	Honda	Huawei	Infineon	Ingress	Lenovo
Oracle	Panasonic	Petronas	Samsung	Steelcase	Western Digital

**Partial list, 2026 edition*

More details

Visitor interest groups

3D modelling software
Digital factory
Big data management

Cloud services and computing
Information system & technologies
Big data analytics
Cybersecurity

Collaborative robots (autonomous mobile robot)
Operational technologies
Machine learning

Event information

Event dates and opening hours	7 – 8.4.2027	09:00 – 18:00 (Conference & product showcases)
Venue	Hall 7, Kuala Lumpur Convention Centre (KLCC), Malaysia	
Conference co-organiser	SHRDC	
Technical consultants	MALAYSIAN SMART FACTORY 4.0 SWISS SMART FACTORY powered by SWITZERLAND INNOVATION WORLD MANUFACTURING FOUNDATION	
Advisory committee	Dr Chua Wen-Shyan Head of Malaysian Smart Factory 4.0, Selangor Human Resource Development Centre (SHRDC)	
	Dr Ing Dominic Gorecky Head of Swiss Smart Factory & Swiss Health Tech Center, Partner, Executive Board Member, Switzerland Innovation Park Biel / Bienne AG	
	Prof Dr David Romero Scientific Vice-Chairman, World Manufacturing Foundation and Professor of Advanced Manufacturing, Tecnológico de Monterrey, Mexico	
Strategic Partner	NCIT	

Subject to change, as of October 2026

#imkl
#IntelligentManufacturing
#DigitalTransformation
#EmbodiedIntelligence
#AIandRobotics
#FromVisiontoValue

Stay tuned with us on:

Product showcase packages

Standard booth	USD 445 / sqm (min 9 sqm)
Raw space	USD 360 / sqm (min 18 sqm)
SPS Stage	USD 3,900 / unit

Conference passes

Standard price	MYR 2,600 / person
Group purchase	MYR 1,800 / person (min 3 or more tickets)
Delegate package	MYR 14,000 / 8 conference tickets

Product showcases Free access with registration

Interested in becoming a sponsor, speaker or showcase contributor?

Contact us now for details!

www.myintelligentmanufacturing.com

Contact

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