

AUTOMATION SOLUTION GO!



Talent Development | Business Growth | Technology Adoption

30 - 31 July 2025, Singapore Polytechnic Convention Centre

30 July 2025	31 July 2025
8:30 am SGT Registration & Reception	
9:30 am SGT Welcome Address by Mr Soh Wai Wah, Principal & CEO, Singapore Polytechnic	9:00 am SGT Registration & Reception
9:35 am SGT Welcome Address by Mr Terence Teo, President, AutomationSG	
9:40 am SGT Guest of Honour Address by Mr Alvin Tan, Minister of State, Ministry of Trade and Industry & Ministry of National Development	
9:50 am SGT GO! Awards Ceremony	
10:00 am SGT Commemoration of Strategic Partnerships for Talent & Enterprise Transformation in the JS-SEZ	
10:10 am SGT Keynote Address: Building an Autonomous Future with AI at the Edge	10:00 am SGT Opening Address by Ms Casatrina Lee, Deputy Director, JS-SEZ Programme Office, Economic Development Board
10:30 am SGT Keynote Address: Securing Manufacturing Resilience in the Era of AI & Automation	10:15 am SGT Presentation: Business Growth Across the Causeway - Unlocking New Opportunities for Singapore Enterprises
10:50 am SGT Presentation: How to Keep Pace with Competition Using Sensors, IoT, and Servitization – Powered by IO-Link	10:30 am SGT Presentation: Enhancing Effectiveness: A Singaporean Enterprise's Cross-Border Transformation Journey
11:05 am SGT Presentation: Transforming Manufacturing Excellence with Digital Twin: Simulate, Predict, Optimise	10:45 am SGT Presentation: What Enterprises Need to Know: Policies, Talent Support, Technology Trends, & Internationalisation
11:20 am SGT Panel Discussion: Future-Proofing Singapore's Manufacturing Sector through Transformation, Talent & Technology	11:05 am SGT Panel Discussion: Driving Business Growth, Talent Development, & Technology Adoption in the JS-SEZ
12:00 pm SGT Exhibition & Networking Lunch	
1:30 pm SGT Breakout Tracks	12:00 pm SGT Exhibition & Networking Lunch
5:00 pm SGT End of Programme	1:30 pm SGT Breakout Tracks
	5:00 pm SGT End of Programme

Breakout Tracks Day 1 @ 1:30 pm

Exploring Automation Opportunities at Mandai Wildlife Reserve

- As Mandai Wildlife Group evolves from individual parks into an integrated wildlife precinct, they are exploring how automation and robotics can support their transformation journey. As part of the development of their roadmap, Mandai recognises the potential for technology to enhance productivity and improve guest and staff experiences. This session serves as a platform for dialogue with solution providers to understand what technologies are available and how they might be applied meaningfully. Mandai welcomes cross-learning to uncover opportunities where automation and robotics can be part of the answer.

Job Redesign Capability Development Workshop: Redesigning Jobs And Reskilling Workers to Support

- The pervasive adoption of technologies across all companies and sectors highlighted an impetus for the right talent pool and workforce capabilities to perform enhanced or new job roles. Job redesign (JR) – the process of restructuring tasks and responsibilities to perform higher value work – and reskilling workers are therefore imperative for companies to maintain long-term competitiveness. If you are a solutions provider, learn how JR capabilities could complement your product offerings and enhance your value proposition to prospective customers. If you are a Precision Engineering company, you can also learn how to undertake JR to enhance jobs, redesign responsibilities and reskill workers to support your company's growth.

Technology and Innovation Needs in Pharmaceutical Manufacturing

- 1:30PM - 2:30PM**
Technology and Innovation Needs in Pharmaceutical Manufacturing - by Biopharmaceutical Manufacturers' Advisory Council (BMAC) and National Robotics Programme (NRP) Biopharmaceutical Manufacturer's Advisory Council is an initiative by leading Biopharmaceutical companies in the world to establish Singapore as the country of choice for global biomedical sciences manufacturing. In this workshop, the Technology & Innovation workstream committee will share their mission to accelerate innovation adoption across the sector. The focus will be on key technology priorities where pharmaceutical companies are actively seeking collaborations with solution providers to address their innovation needs. Join this session to gain insights into the industry's current innovation agenda and discover how your solutions could meet real-world pharmaceutical manufacturing challenges.
- 2:30PM - 3:30PM**
GMP Cleaning Focus Group Sharing - by Biopharmaceutical Manufacturers' Advisory Council (BMAC) and National Robotics Programme (NRP) In this session, the Technology & Innovation workstream committee will delve into a key challenge facing the industry: automating GMP-compliant cleaning in production environments. Participants will gain insights into the operational pain points such as high manpower turnover, inconsistent cleaning quality, and limitations of current manual methods and explore opportunities for innovation. The session will spotlight the industry's interest in robotic cleaning technologies that can enhance labour productivity, standardisation, and cleanroom compliance. Automation solution providers are encouraged to join the discussion to better understand industry needs and requirements as well as engage with plant operators to exchange suitable solutions for the automated GMP cleaning.

Bridging the Transformation Value Void by Unlocking the Future of Digital Transformation

- Industries is undergoing rapid transformation, driven by technological advancements, evolving market demands, and the need for greater operational efficiency. It becomes crucial for companies to unlock the full potential of their operations and embrace digital transformation. This session will focus on closing the transformation value void in organisations by leveraging cutting-edge solutions, which is designed to streamline manufacturing processes, enhance supply chain visibility, and drive operational excellence across all facets of manufacturing production—from design and development to distribution and beyond.

Breakout Track Day 2 @ 1:30 pm

Strategic Planning by Institutes of Higher Learning for JS-SEZ

- Join this interactive session to co-develop talent and manpower strategies tailored for the JS-SEZ. Through group discussions and collaborative sharing, participants will identify emerging skillsets, define key training areas, and shape course offerings that benefit both IHLs and trainees. The session also explores policy support, stakeholder collaboration, and practical models to drive impactful talent development in the zone.

Practical Know-How for Setting Up Business Facilities in the JS-SEZ

- Unlock new business opportunities in the JS-SEZ with this focused session designed for SMEs. Gain expert insights and real-world examples on navigating zone requirements, developing a practical setup roadmap, and driving sustainable growth. Learn how to tap into emerging opportunities, maximise zone-specific benefits, and overcome common challenges with confidence.

Driving Job Performance & Business Outcomes through Job Redesign & Workplace Learning

- Discover how job redesign and workplace learning can drive performance and business transformation. This session unpacks practical strategies like on-the-job training and coaching, backed by real-world success stories. Learn how reskilling can meet evolving industry demands—and explore funding support available to kick-start these initiatives in your organisation.

Revolutionizing Smart Manufacturing Solutions with Advantech Smart Factory Suite

- Explore how automation can transform your operations through real-time data insights and intuitive visualisation. This session features the Wise SCADA system in action, with a live demo showing how sensors and wireless I/O modules connect seamlessly to generate dynamic dashboards. Gain practical ideas to apply data-driven strategies across your business.



Registration now open!

Scan the QR code to register or visit <http://for.edu.sg/asg-rinc-register>