

AIBotics @ BuildTech Asia Summit Programme

- AI in Robotics Forum “The NEXT NORMAL in Construction Sector”

	Wednesday, 19 March 2025 (14:00 - 17:00 pm)
1400 – 1410	Opening Remarks <i>Speaker: Ms Elle QUAN - Vice-President of APARA</i>
1410 – 1430	Introduction “Introduction & Motivation for AI in Robotics ” <i>Speaker: Mr Oliver TIAN - Vice-President of Global Robot Clusters</i>
1430 – 1450	Invited Speaker “Innovating Construction Work Methods” <i>Speaker: Dr Soungcho CHAE - Director, Kajima Technical Research Institute Singapore (KaTRIS)</i>
1450 – 1510	Invited Speaker “Leveraging AI in the Construction Sector ” <i>Speaker: Mr Daryl CHEW - COO, Pylon AI</i>
1510 – 1530	Invited Speaker “The Challenges and Opportunities for Robotics & Automation in Construction” <i>Speaker: Mr Hajime ONOJIMA – Vice-President, Obayashi Corp (Japan)</i>
1530 – 1550	BREAK - Interlude Message “New AI in Construction”
1550 – 1610	Invited Speaker “Competency for Digital Construction ” <i>Speaker: Ms Alisa KONIUKHOVSKAIA – Overseas Rep, Amethyst Group (Russia)</i>
1610 – 1630	Invited Speaker “Economics of AI & Robotics in Construction Sector ” <i>Speaker: Mr Justin CHAN Director, Sife Solutions</i>
1630 – 1700	Panel Discussion Rise of Artificial Intelligence (AI) in Robotics “Overcoming Deployment Hurdles in Optimizing Technology” <i>Moderated by Mr Oliver TIAN (Singapore)</i> <i>In today’s world, multiple industries are leveraging the benefits of AI & Robotics to fullest of its potential. The technology has helped businesses grow in leaps and bounds with improved quality, security, and efficiency. However, it is observed that engineering and construction sectors are lagging in implementing AI & Robotics solutions. Due to the complex challenges that the construction industry faces, the growth in the industry is severely limited. Dealing with challenges like cost and time overruns, labor shortage, health and safety, and productivity can bring revolution in the industry. The construction industry has tremendous potential, and AI & Robotics can be instrumental in bringing this shift.</i> 3 Questions arise: - Will AI & Robotics replace Humans at work? - How can the current workforce prepare for the arrival of new innovations? - What is the Future of Work?
1700	Closing Comments APARA