

GAIN SIGHTS

CONNECT | COLLABORATE | CO-INNOVATE

Vice President (Industry) Office Communication

PARTNERSHIP HIGHLIGHT



AI-Powered Sustainable Construction

NTU and the Nemetschek Group, a global leader in software solutions for the AEC/O and media industries, have announced a strategic partnership to advance AI-enabled design-to-operations workflows and sustainable, intelligent construction. The collaboration combines Nemetschek's integrated software ecosystem with NTU's expertise in physics-informed AI, microclimate modelling, generative design optimisation, and AI safety frameworks, accelerating the translation of research into deployable solutions that enhance productivity, resilience, and sustainability across the built environment.

Click [HERE](#) for more details.



Smart Charging Solutions for Sustainable Mobility

A new research collaboration between the Energy Research Institute @ NTU ([ERI@NTU](#)) and Elonroad, a deep-tech mobility company from Sweden, will advance the development of electric road charging technologies that support Singapore's clean-energy and sustainable-transport goals. The partnership focuses on conductive charge rails that enable efficient and safe opportunity charging for vehicles such as trucks, buses, and logistics fleets. Performance testing and validation will be carried out at ERI@NTU's Electrification and Power Grid Centre ([EPGC](#)).

Click [HERE](#) for more details.



Advancing Deep-Tech Entrepreneurship

Activate, a US-based non-profit supporting deep-tech founders, has partnered with NTU, together with the National Research Foundation, Singapore and Enterprise Singapore, to launch the S\$12 million Activate Global Fellows – Singapore programme. Over the next three years, the fellowship will support up to 40 early-stage deep-tech entrepreneurs with funding, tailored mentorship, and immersion in the US market to accelerate commercialisation in areas such as advanced materials, AI, robotics, biotechnology, and life sciences. This marks Activate's first international expansion and strengthens Singapore's deep-tech innovation pipeline. Applications open in November 2025.

Click [HERE](#) for more details.

GRANT CALLS / INNOVATION CHALLENGES



Social Mobility Foundation 2025 Grant Call

Submission Deadline: 17 November 2025

The Social Mobility Foundation (SMF) 2025 Grant Call invites research proposals on income inequality, social mobility, inclusiveness, and the building of a fair and just society in Singapore. Priority areas include studies on specific HDB communities (including rental households), public attitudes and media narratives on inequality, psychological research on perceptions of inequality and zero-sum thinking, and cultural or social mechanisms that strengthen cohesion through shared community spaces such as hawker centres, coffee shops, and neighbourhood settings.

Click [HERE](#) for more details.

EVENTS



SINGAPORE - INTERNATIONAL
DISASTER & EMERGENCY MANAGEMENT EXPO

Singapore International Disaster & Emergency Management Expo (SIDEX) 2025

Date & Time: 19 – 21 November 2025

Registration: Click [HERE](#) for more details

The Singapore Week of Innovation & Technology (SWITCH) is a global platform that translates scientific breakthroughs into disruptive technologies across manufacturing, urban solutions, health and biomedical sciences, and digital services. It brings together entrepreneurs, investors, researchers, and industry leaders to explore cutting-edge innovations, drive transformation, and foster deep tech collaborations.



Maritime Energy & Sustainable Development
Centre of Excellence
College of Engineering

MESD Seminar 2025

Date & Time: 24 November 2025

Registration: Click [HERE](#) for more details

The Maritime Energy & Sustainable Development Centre of Excellence (MESD) will be hosting its 7th Annual MESD Seminar 2025, themed Fueling the Future: Safe Bunkering of Upcoming Alternative Fuels and Quality Assurance. The seminar will feature updates on methanol and ammonia fuel research, safety practices, and quality assurance. It brings together experts and professionals from the maritime sector to exchange views on safe, high-quality, and sustainable fuel adoption.

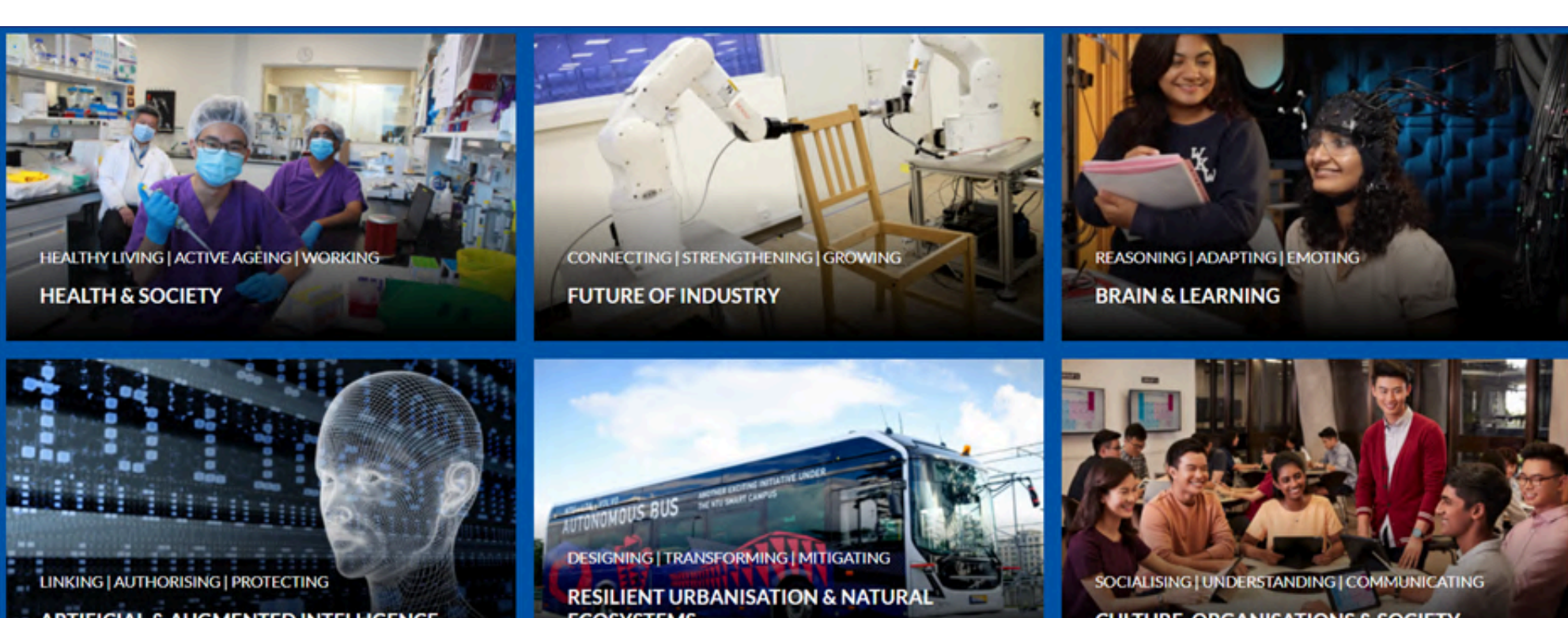


Singapore Scientific Conference (SSC) 2025

Date & Time: 8 – 11 December 2025

Registration: Click [HERE](#) for more details

SSC 2025 will feature an exceptional line-up of plenary speakers, including Nobel Laureate Steven Chu, Sean De Cleene, former Executive Committee member of the World Economic Forum, and Vivian Yam, the youngest female member ever elected to the Chinese Academy of Sciences. Themed around Health for a Sustainable Tomorrow, Shaping a Resilient Planet, Next-Gen Manufacturing, and Transformative Energy Solutions, SSC2025 commemorates Singapore's 60-year journey and highlights the nation's continued commitment to advancing science and innovation for a sustainable future.



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