GAIN ACTIVITIES

Visit to NTU: Exploring Next-Generation Computing and AI Applications

NTU hosted a leading global technology company for a full-day research exploration session at the College of Computing and Data Science (CCDS). The session brought together faculty members and researchers to showcase NTU's strengths in generative artificial intelligence and explore potential areas of synergy. Discussions covered scalable large language models, trustworthy multimodal systems, data-centric visual synthesis, quantum AI, nanomedicine design and sustainable computing infrastructure such as data centres tailored to Singapore's climate.

Have a research collaboration in mind? Reach out to us now!

PARTNERSHIP HIGHLIGHT

Mitsubishi Electric and NTU Singapore Partner on Advanced Grid Management Platforms

Mitsubishi Electric Corporation (MELCO), Japan, and NTU Singapore, through the Energy Research Institute @ NTU (ERI@N), have signed a strategic research collaboration focused on advanced grid management platforms. The partnership will explore clean energy mix balancing, dynamic system optimisation, and grid stability in low-inertia environments. The project will be demonstrated at the Renewable Energy Integration Demonstrator – Singapore (REIDS) testbed on Semakau landfill, featuring MELCO's BLEnDer®RE renewable energy management solution.

Click HERE for more details.

NEWRI and Agilent Technologies Renew Three-Year Collaboration on Water Contaminant Research

Agilent Technologies and NTU's Nanyang Environment & Water Research Institute (NEWRI) have signed a new three-year agreement to advance research in water safety and environmental sustainability. This third partnership will focus on detecting emerging contaminants such as microplastics, leveraging Agilent's state-of-the-art analytical platforms and NEWRI's expertise to deliver impactful solutions for Singapore's water needs.

Click HERE for more details.

GRANT CALLS / INNOVATION CHALLENGES

Condition Monitoring and Detection System for Bukit Panjang LRT – Call for Solution

Submission Deadline: 12 September 2025, 4:00 PM (SGT)

The Enabling Lives Initiative (ELI) Grant, funded by Tote Board and administered by SG Enable, has launched its 2025 Grant Call themed "Livelihood and Economic Empowerment." In its third tranche with $23 million in funding, the grant supports innovative, evidence-based projects to improve the well-being of persons with disabilities. Shortlisted applicants will join an Incubation Phase with design-thinking workshops and dedicated mentorship. Community partners, innovators, and enterprises are invited to co-create sustainable employment and economic inclusion solutions.

Click HERE for more details.

Heritage Research Grant Call

Submission Deadline: 15 September 2025

The Heritage Research Grant (HRG) aims to encourage institutes of higher learning (IHLs), think tanks, heritage NGOs, academics and researchers to embark on heritage-related research for the documentation and preservation of Singapore's heritage and its connectivity to the region. There are five Core Research: 1) Singapore Pre-History and History, 2) Intangible Cultural Heritage, 3) Tangible Heritage, 4) Communities and Heritage, and 5) Comparative Studies of Singapore and Southeast Asia.

Click HERE for more details.

EVENTS

Tech Week Singapore

Date & Time: 8 – 9 October 2025
Registration: Click HERE for more details

Tech Week Singapore is the region's leading business technology event, bringing together global visionaries, industry leaders, and innovators across major tech verticals. Featuring six co-located shows, Cloud & AI Infrastructure, DevOps Live, Cyber Security World, Data Centre World, Big Data & AI World, and eCommerce Expo | DMEXCO Asia, the event offers cutting-edge showcases, thought leadership, and networking to shape Asia's digital future.

Singapore International Cyber Week (SICW)

Date & Time: 20 – 23 October 2025
Registration: Click HERE for more details

Organised by the Cyber Security Agency of Singapore (CSA), Singapore International Cyber Week (SICW) is the Asia-Pacific's leading cybersecurity event. It convenes global policymakers, industry leaders, professionals, and academics to address emerging cyber challenges, explore digital opportunities, and foster international cooperation. Held with the GovWare Conference and Exhibition, SICW features high-level panels, regional dialogues, and tech showcases, shaping cybersecurity strategies across sectors.

Singapore International Energy Week (SIEW)

Date & Time: 27 – 31 October 2025
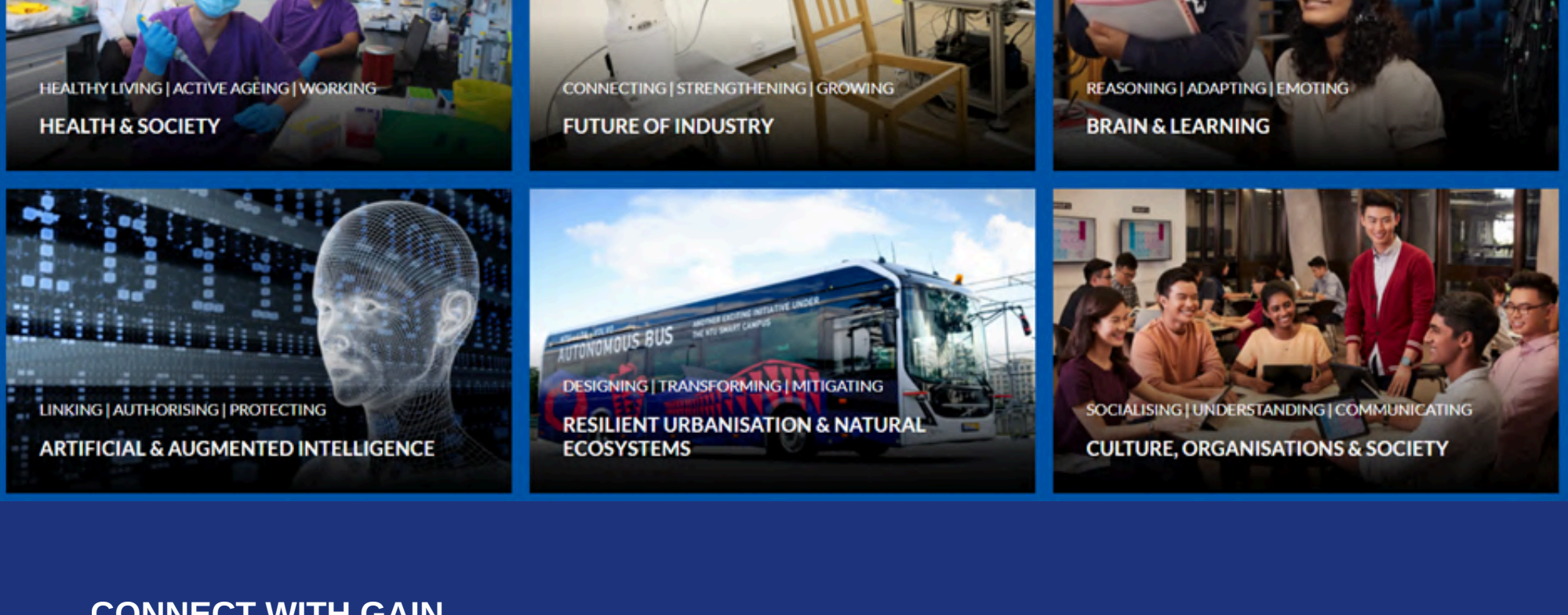**Registration:** Click HERE for more details

Bringing together energy professionals, policymakers, and thought leaders from around the world, the Singapore International Energy Week (SIEW) is an annual platform organised by the Energy Market Authority (EMA). As a trademarked event, it facilitates the exchange of best practices and solutions to address global energy challenges.

Singapore Week of Innovation & Technology (SWITCH)

Date & Time: 29 – 31 October 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.

HEALTHY LIVING | ACTIVE AGEING | WORKING
HEALTH & SOCIETY

CONNECTING | STRENGTHENING | GROWING
FUTURE OF INDUSTRY

REASONING | ADAPTING | EMOTING
BRAIN & LEARNING

SENSING | AUTHORISING | PROTECTING
ARTIFICIAL & AUGMENTED INTELLIGENCE

DESIGNING | TRANSFORMING | MITIGATING
RESILIENT URBANISATION & NATURAL ECOSYSTEMS

SOCIALISING | INFLUENCING | ORGANISING | CREATING
CULTURE, ORGANISATIONS & SOCIETY

CONNECT WITH GAIN

- Reach out to GAIN for further enquiries.
- For more information about Global Alliance of Industries @ NTU, please visit our website.
- Follow us on LinkedIn and stay tuned to the latest events and happenings.