



PARTNERSHIP HIGHLIGHTS



Launch of National Semiconductor Translation and Innovation Centre for Gallium Nitride (NSTIC GaN)

Singapore has launched its first national innovation centre for Gallium Nitride (GaN) technologies, the National Semiconductor Translation and Innovation Centre for Gallium Nitride (NSTIC GaN). Led by NTU Professor Geok Ing Ng and backed by S\$123 million in funding, the centre will boost local GaN wafer prototyping and manufacturing, driving innovation in sectors such as 5G/6G, satellite systems, and electric mobility. The launch event was officiated by Minister-in-charge of Energy and Science & Technology, Dr Tan See Leng, and attended by dignitaries from A*STAR, DSO National Laboratories, and NTU Singapore.

Click [HERE](#) for more details.



New Project with WHO to Modernise Global Food Safety Standards

NTU Singapore and the World Health Organisation (WHO) have launched a three-year collaboration to strengthen global food safety risk assessment capabilities, in line with the WHO Global Strategy for Food Safety 2022–2030. The partnership will focus on advancing New Approach Methodologies (NAMs), including the use of Artificial Intelligence and digital modelling, to modernise how countries evaluate risks in emerging food systems. The initiative was formalised during the WHO-NTU Joint Workshop held in Singapore, with a signing ceremony witnessed by Mr Lim Chuan Poh, Chairman of the Singapore Food Agency. This effort underscores NTU's leadership in future-ready food safety through the Future Ready Food Safety Hub (FRESH), led by Professor William Chen.

Click [HERE](#) for more details.

GRANT CALLS / INNOVATION CHALLENGES



Japan-Singapore Joint Call for Proposals on Quantum 2025

Submission Deadline: 30 July 2025, 12:00 PM (SGT)

The Japan Science and Technology Agency (JST) and Singapore's A*STAR have launched a joint grant call to support collaborative quantum research between Japan and Singapore, under JST's NEXUS programme and Singapore's RIE2025 plan. This initiative aims to foster co-creation in areas such as: 1) quantum computers and quantum simulations, 2) quantum info-communications, and 3) quantum sensing. Proposals should focus on fundamental quantum sciences and/or cutting-edge quantum technologies with tangible industry applications.

Click [HERE](#) for more details.



China-Singapore Joint Call for Proposals on Climate Resilience & Adaptation 2025

Submission Deadline: 30 July 2025, 11:59 PM (SGT)

The Chinese Academy of Sciences (CAS) and A*STAR have launched a joint grant call to strengthen bilateral research collaborations under CAS's International Partnership Program and Singapore's RIE2025 plan. This call focuses on "Fighting Climate Change" through research in Climate Resilience & Adaptation. Key areas include: 1) urban climate resilience (materials, design, modelling & simulation), 2) food resilience (supply chain and nutrition), 3) public health resilience (heat-induced illness, mental health), and 4) disaster preparedness and risk mitigation (early warning systems, resilient critical infrastructure). Proposals addressing other impactful subtopics related to climate adaptation are also welcome.

Click [HERE](#) for more details.



Livelihood and Economic Empowerment

Submission Deadline: 29 August 2025, 11:59 PM (SGT)

Started in 2014, the Enabling Lives Initiative (ELI) Grant is funded by Tote Board and managed by SG Enable. Now in its third tranche (2024–2028), the \$23 million Enabling Lives Initiative (ELI) Grant introduces a new Incubation Phase for shortlisted applicants. This phase offers funded workshops, design-thinking sessions, and personalised mentorship to refine proposals that empower persons with disabilities. The ELI Grant invites community partners, innovators, and enterprises to develop solutions that enhance economic participation and create meaningful, sustainable employment opportunities for persons with disabilities.

Click [HERE](#) for more details.

ONGOING GRANTS FOR PUBLIC RESEARCH PERFORMERS IN SINGAPORE



INDUSTRY ALIGNMENT FUND (IAF)

Industry Collaboration Projects (IAF-ICP)

IAF-ICP supports public research in strategic R&D projects with industry by applying and commercialising public sector research capabilities, IPs and technologies for industry challenges. Projects should generally be within 36 months, with exceptions for Corporate Labs on a case-by-case basis, allowing up to 60 months.

Pre-Positioning (IAF-PP)

IAF-PP aims to enhance industry-ready capabilities by aligning public sector research, fostering multidisciplinary programs and integrating early industry involvement. The focus is on Human Health and Potential (HHP) or Manufacturing, Trade, and Connectivity (MTC) domains, with anticipated industry participation within 3-5 years.

Have a research collaboration in mind? Reach out to [us](#) now!

EVENTS



GLObal Conference for Women Leaders and Emerging Researchers in Materials Science (GLOW) 2025

Date & Time: 29 September – 1 October 2025

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

Calling Early Career Female Scientists!

Join us at GLOW 2025, the GLObal Conference for Women Leaders and Emerging Researchers in Materials Science, hosted by NTU Singapore from 29 September to 1 October 2025. This inspiring event celebrates the achievements of women in materials science and offers a platform for emerging researchers to showcase their work and connect with global experts. Featuring keynote talks by eminent women leaders, presentations by young scientists, poster sessions, and networking opportunities, GLOW 2025 will explore cutting-edge advancements in Computational & Characterisation, Future Electronics, Healthcare, Machine Learning & Artificial Intelligence, and Sustainability & Energy.

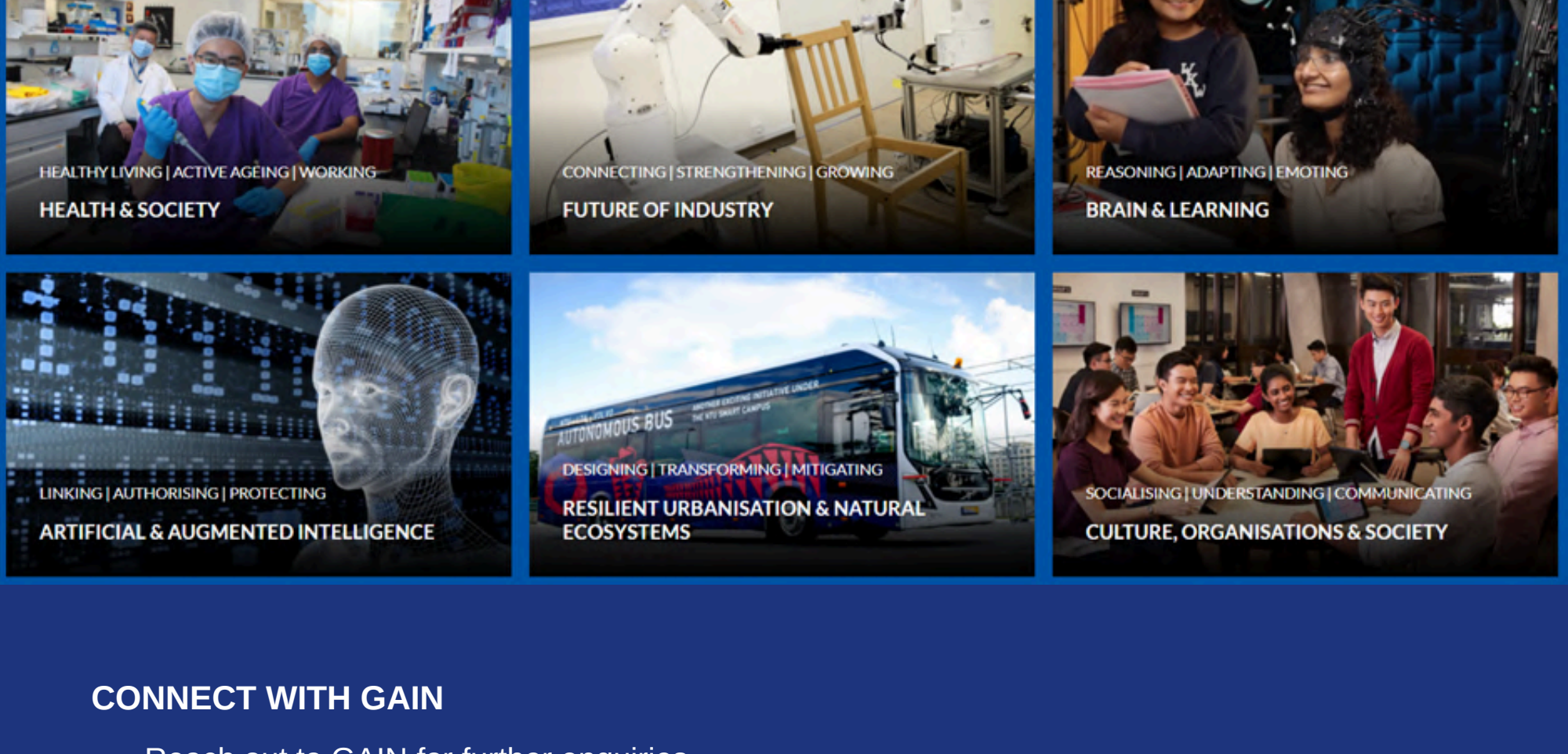


Singapore International Energy Week (SIEW)

Date & Time: 27 – 31 October 2025

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

The Singapore International Energy Week (SIEW) is an official trademarked event organised by the Energy Market Authority (EMA). It is an annual platform for energy professionals, policymakers and commentators to discuss and share best practices and solutions within the global energy space.



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.

