

GAIN SIGHTS

CONNECT | COLLABORATE | CO-INNOVATE

Vice President (Industry) Office Communication

PARTNERSHIP HIGHLIGHTS



NCAIP and Battery Age Minerals Partner on Germanium-Based Optical Interconnect Technology

NTU Singapore's National Centre for Advanced Integrated Photonics (NCAIP) and Australian mineral exploration company Battery Age Minerals are embarking on a 12-month research collaboration to develop germanium-based optical interconnect technology. Led by NCAIP Co-Director Prof Tan Chuan Seng, the project combines NCAIP's expertise in advanced photonics and integration with Battery Age Minerals' access to germanium resources. The collaboration aims to demonstrate proof-of-concept milestones for germanium-based optical interconnects, with potential applications in AI data centres and consumer imaging electronics. The partnership was announced as part of the wider SG Semiconductor ecosystem.

Click [HERE](#) for more details.



AgriS and NTU Deepen Partnership for Resilient Bioinnovation

AgriS and NTU Singapore are deepening their research and innovation partnership through the proposed establishment of the AgriS–NTU Joint Lab for Resilient Bioinnovation, to be anchored at the Future Ready Food Safety Hub ([FRESH@NTU](#)). The proposed Joint Lab will combine NTU's research expertise with AgriS' regional agricultural, production and commercialisation platforms to accelerate the translation of research into real-world applications. Research will focus on three key areas: 1) climate-resilient agriculture, 2) agriculture-derived bioactive ingredients, and 3) circular bioeconomy innovation, with opportunities for technologies to be tested and validated under real agricultural conditions across the region.

Click [HERE](#) for more details.

ENGAGEMENTS & ACTIVITIES



EDB Global Enterprises Division Learning Journey @ NTU

The NTU [Vice President \(Industry\) Office](#), together with [GAIN](#), hosted a learning journey for the Singapore Economic Development Board (EDB)'s Global Enterprises Division, led by Mr Marcus Dass, Senior Vice President. The session provided an overview of NTU's research and innovation ecosystem, industry collaboration models and pathways for companies to engage with NTU, with sharing from the [Alibaba-NTU Global e-Sustainability CorpLab \(ANGEL\)](#) and [AUMOVIO-NTU Corporate Lab](#). The visit concluded with tours of ANGEL and the [ExxonMobil-NTU-A*STAR Corporate Lab](#).



Exploring Industry Engagement with NTU College of Science

Faculty and researchers from NTU's College of Science (CoS) recently came together with Professor Shirley Meng, NTU Vice President (Industry), for a dialogue on industry engagement and collaboration. With Singapore moving towards RIE2030, the session explored how CoS research strengths can contribute to the wider research and innovation ecosystem, as well as potential research and funding opportunities and pathways to translate scientific discoveries into real-world impact through industry collaboration.

ONGOING GRANTS FOR PUBLIC RESEARCH PERFORMERS IN SINGAPORE



INDUSTRY ALIGNMENT FUND (IAF)

Industry Collaboration Projects (IAF-ICP)

IAF–ICP supports Public Research Performers in strategic R&D collaborations with industry, with the aim of fostering industry-relevant public sector R&D efforts and translating research capabilities into potential economic outcomes for Singapore. Projects are assessed based on their potential industry and economic impact, including innovation outcomes, capability development, ecosystem uplift, and commitment to research and innovation activities in Singapore. Projects are generally supported for up to 36 months, with longer durations considered for selected large-scale initiatives such as Corporate Labs.

Click [HERE](#) for more details.



Singapore–Horizon Europe (SG–HE) Complementary Fund

Application Period: Rolling basis until 31 December 2027

Administered by the National Research Foundation (NRF) of Singapore, the Singapore–Horizon Europe (SG–HE) Complementary Fund supports Singapore-based public research institutions and companies participating in Horizon Europe Pillar II collaborative projects. The fund covers five research areas: 1) Health; 2) Civil Security for Society; 3) Digital, Industry and Space; 4) Climate, Energy and Mobility; and 5) Food, Bioeconomy, Natural Resources, Agriculture and Environment. It aims to strengthen Singapore's participation in global research and innovation networks through international collaborations aligned with Singapore's R&D priorities.

Click [HERE](#) for more details.



2nd Executive Programme of Science and Technology Cooperation (Italy–Singapore)

Submission Deadline: 27 November 2026, 11:59 PM (SGT)

Jointly launched by the Italian Ministry of Foreign Affairs and International Cooperation (MAECI) and the Agency for Science, Technology and Research (A*STAR), the programme supports collaborative research between Singapore and Italy for 2027-2029. The call covers two priority research areas: 1) Advanced Technologies (AI, Robotics, Quantum Technology and Space Technologies) and 2) Health/Medical (Ageing, Translational Medicine and Neuroscience). Proposals must involve at least one Singapore-based and one Italy-based public sector research performer, with industry participation strongly encouraged.

Click [HERE](#) for more details.

EVENTS



Singapore International Energy Week 2026

Date & Time: 26 – 30 October 2026

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

Organised by the Energy Market Authority (EMA), the Singapore International Energy Week (SIEW) is an annual platform bringing together policymakers, industry leaders, innovators and energy professionals to discuss key developments shaping the global energy landscape. Under the theme “Connecting Energy Systems, Powering Tomorrow”, SIEW 2026 will explore energy security, regional connectivity, grid resilience, decarbonisation and emerging technologies, including nuclear energy, biomethane, geothermal energy, carbon capture, energy storage and AI-enabled solutions.



Singapore Urban Mobility Week 2026

Date & Time: 4 – 6 November 2026

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

The Singapore FinTech Festival (SFF) 2026 will bring together policymakers, financial institutions, technology companies and innovators to explore the future of finance. The programme will examine how technology, policy and global trends are reshaping the financial system, covering AI, quantum technologies, tokenisation, digital assets, cybersecurity and the future financial workforce through conference sessions, exhibitions and industry discussions.



Singapore FinTech Festival 2026

Date & Time: 18 – 20 November 2026

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

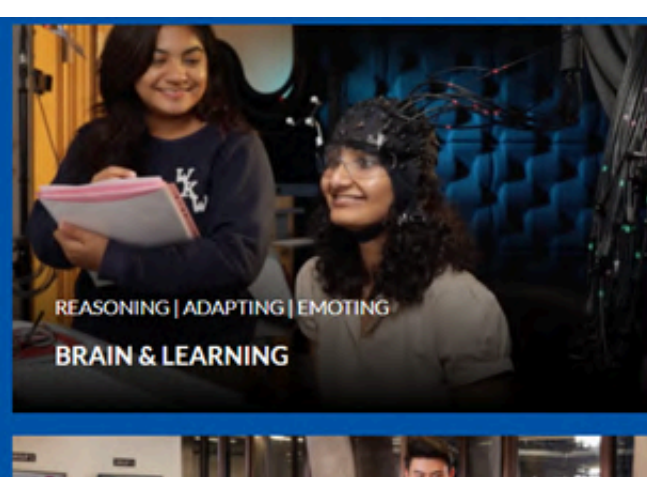
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HEALTHY LIVING | ACTIVE AGEING | WORKING
HEALTH & SOCIETY



CONNECTING | STRENGTHENING | GROWING
FUTURE OF INDUSTRY



REASONING | ADAPTING | EMOTING
BRAIN & LEARNING



LINKING | AUTHORISING | PROTECTING
ARTIFICIAL & AUGMENTED INTELLIGENCE



AUTONOMOUS BUS
DESIGNING | TRANSFORMING | MITIGATING
RESILIENT URBANISATION & NATURAL ECOSYSTEMS



SOCIALISING | UNDERSTANDING | COMMUNICATING
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.

