



CAMPUS HAPPENINGS



GLObal Conference for Women Leaders and Emerging Researchers in Materials Science (GLOW 2024)

At the inaugural GLObal Conference for Women Leaders and Emerging Researchers in Materials Science (GLOW 2024), hosted at NTU, emerging women scientists shared research on healthcare, sustainability, energy, AI, nanomaterials, and materials. The conference, held in partnership with The American Association for the Advancement of Science, included panel discussions on career roadmaps and nurturing women leaders. NTU President Prof Ho Teck Hua was a panellist on a discussion titled "Nurturing Women Leaders," where he emphasized the importance of increasing women's representation in leadership. The discussion was moderated by NTU Vice President (International Engagement) Prof Lee Pooi See.

Click [HERE](#) for more details.



Decarbonisation Forum (NBS)

Join us at the inaugural NTU Decarbonisation Forum on 27 August, hosted by [Nanyang Business School](#) in collaboration with the [Centre for Sustainable Finance Innovation](#). This forum offers a unique opportunity to hear from and engage with a diverse group of stakeholders, including industry leaders, investors, and regulators.

Click [HERE](#) for more details.



SCElse Open House 2024

[SCElse](#) will be having an Open House on 29 Aug 2024, from 11:30 am to 6:00 pm at SCElse-NTU (near Quad Café). Register now and discover groundbreaking biofilm and microbiome research and network with SCElse's leading R&D experts! Enjoy free ice cream and goodie bags (while stocks last)!

Click [HERE](#) to register.

RESEARCH HIGHLIGHTS



Dehydrogenation demonstration begins for green heavy vehicles

NTU Singapore, PSA Singapore, and Japan's Chiyoda Corporation have started testing how hydrogen can be transported and stored as methylcyclohexane (MCH) for use as a clean fuel for horizontal transportation. As part of this collaboration and trial, PSA Singapore has built the country's first hydrogen refuelling station and provided a hydrogen fuel cell electric prime mover at the Pasir Panjang Terminal. These developments follow NTU's successful laboratory proof-of-concept experiments aimed at efficient and cost-effective hydrogen transport, contributing to the expansion of global hydrogen supply chains.

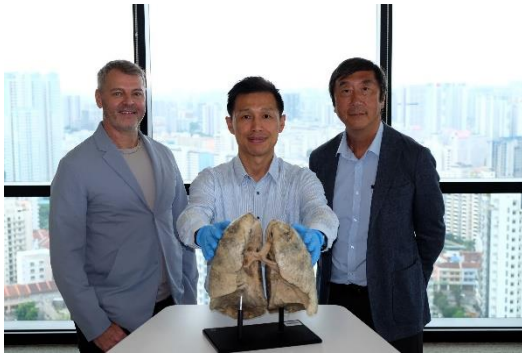
Click [HERE](#) for more details.



NTU unveils 14th and largest satellite

NTU has unveiled the final test model of its advanced satellite, the Extremely Low Earth Imaging Technology Explorer (ELITE), set for completion by 2025. Supported by Singapore's Office for Space Technology & Industry (OSTin), ELITE is NTU's 14th satellite and its largest and most complex satellite. During a visit to NTU's Satellite Research Centre, Singapore President Tharman Shanmugaratnam was briefed on ELITE's technologies. The project showcases Singapore's strengths in space technology through collaboration between NTU, Aliena, LightHaus Photonics, NUS Temasek Laboratories, and ST Engineering Satellite System Systems.

Click [HERE](#) for more details.



Millions of deaths linked to fine particulate matter pollution: Study

A study by NTU Singapore researchers revealed that fine particulate matter (PM2.5) from 1980 to 2020 was associated with approximately 135 million premature deaths globally. The study found that climate phenomena like El Niño-Southern Oscillation, the Indian Ocean Dipole, and the North Atlantic Oscillation exacerbated pollution, causing a 14% rise in premature deaths. Using NASA satellite data, health statistics, information on climate patterns, and analysing over 40 years of data, the study provided new insights into how climate patterns impact air quality and mortality.

Click [HERE](#) for more details.

OTHER EVENTS



Gardens by the Bay Nature and Sustainability Tour: Biodiversity and Ecosystems

Event Date: Every Sat and Sun, 8:30AM-9:30AM

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

Interested to learn more on the importance of biodiversity and ecosystems? Join the guided walking tour to learn about sustainability features at Gardens by the Bay and get to learn more about the relationships between plant, animal, and microbial biodiversity within global ecosystems. This event is supported by Keppel Corporation through the Keppel Care Foundation.

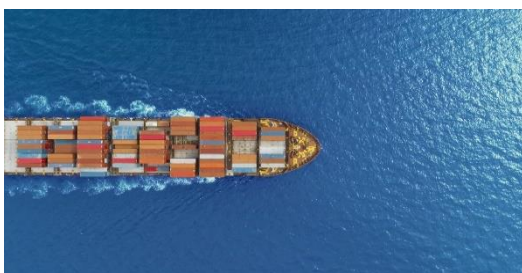


Nature Appreciation Walk at Windsor Nature Park

Event Date: 24 Aug 2024, 9:30AM-10:30AM

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

Situated at the edge of Central Catchment Nature Reserve, the Windsor Nature Park is the gateway to the rich biodiversity of the largest nature reserve in Singapore. Join in the guided walk organised by NParks to appreciate Singapore's natural heritage and learn the importance of conservation.



Singapore Maritime Gallery Tour

Event Date: Every 1st Saturday of each month

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

Join in the tour at the newly refreshed Singapore Maritime Gallery organised by the Maritime and Port Authority of Singapore (MPA). Discover Singapore's

rich maritime heritage, the industry's vital role in daily life, and how technology, innovation, and sustainability keep Singapore a leading global maritime hub.

YOU CAN GO GREEN TOO!

Singapore's Sustainability Journey



Click [HERE](#) to find about Singapore's various sustainability initiatives from 1972 till now.

Carbon Footprint Calculator by SPGroup



Click [HERE](#) to track your carbon footprint and find out how to reduce it.

STAY IN TOUCH WITH US



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