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NTU, NUS Renew Pact on Sharing Research Facilities



Senior Principal Research Fellow Dr Chris Boothroyd - from NTU Singapore's Facility for Analysis, Characterisation, Testing and Simulation - with an aberration-corrected transmission electron microscope. (Credit: NTU Singapore)

To push the frontiers of scientific research in Singapore, NTU Singapore and the National University of Singapore (NUS) are renewing their commitment to share high-value research equipment and facilities.

Providing scientists from both universities with access to cutting-edge, multi-million dollar research infrastructure at NTU and NUS will foster deeper collaboration, enabling more joint research projects, co-authored publications, and stronger funding opportunities.

Such partnerships strengthen institutional ties and promote a culture of knowledge sharing. They broaden training and development by equipping students and researchers with specialised tools and cross-institutional expertise. This leads to higher-quality research, faster innovation, and more effective industry engagement.

The sharing arrangement builds on existing research and innovation partnerships between NTU and NUS, including jointly leading research for the Sustainable Tropical Data Centre Testbed, the world's first testbed in the tropics to advance energy-efficient data centre cooling solutions.

The two universities, together with global investment company Temasek, have also embarked on a joint pilot programme to accelerate the creation of successful deep-tech start-ups from the pipeline of research at NTU and NUS.



Research Engineer Mr Jonathan Aristya Setyadji (left) and Assistant Professor Tan Xipeng (behind) - from the Department of Mechanical Engineering in the College of Design and Engineering at NUS - using the Invizo 6000 3D Atom Probe microscope, an advanced tool which enables 3D imaging and chemical analysis of materials at the atomic level. Its high precision makes it a key tool for developing next-generation materials and devices.

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