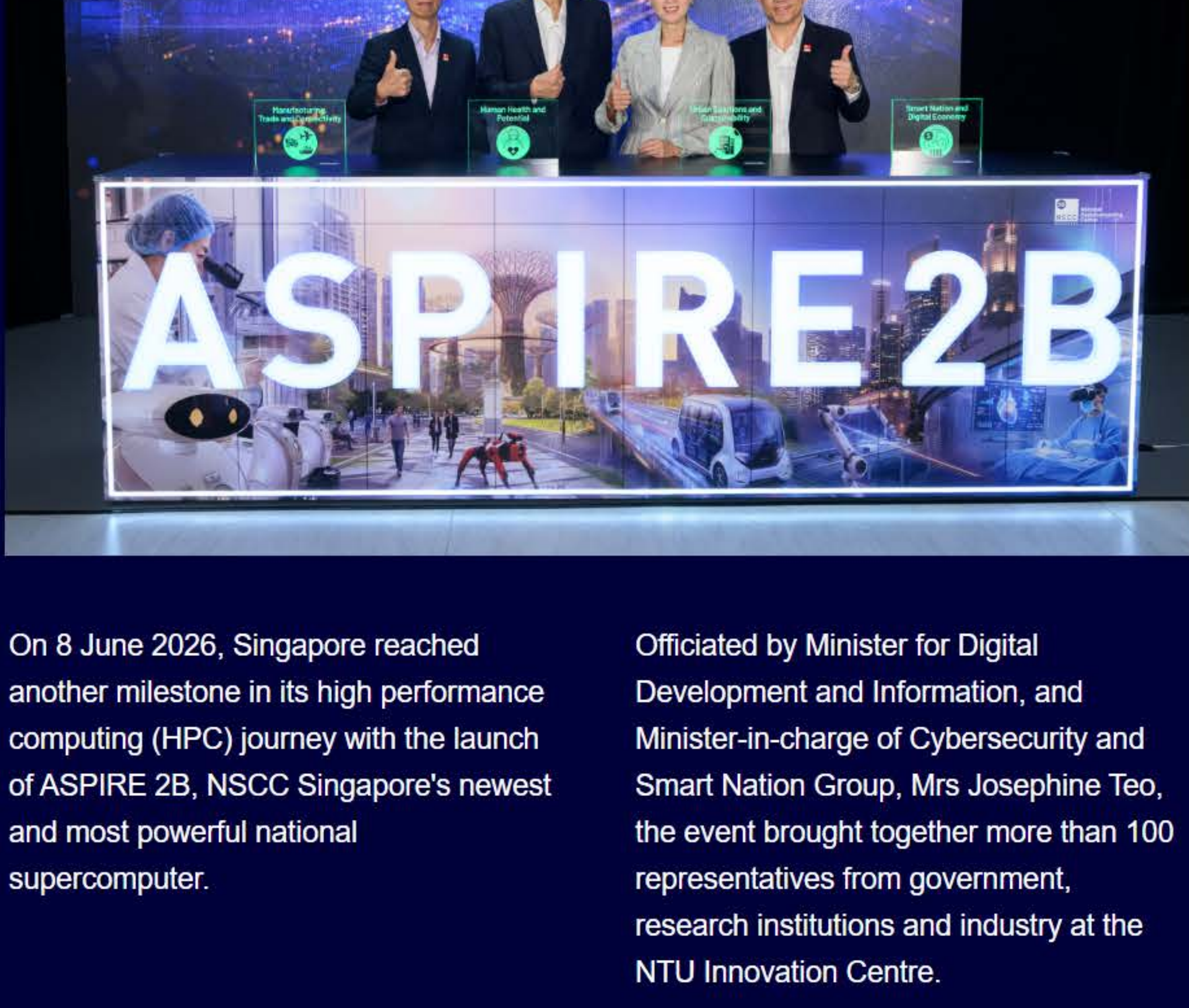


CORPORATE NEWS

A snapshot of NSCC's key updates and ongoing collaborations

Featured Read of the Month!

NSCC Singapore Launches Next-Generation Supercomputer ASPIRE 2B



On 8 June 2026, Singapore reached another milestone in its high performance computing (HPC) journey with the launch of ASPIRE 2B, NSCC Singapore's newest and most powerful national supercomputer.

Officiated by Minister for Digital Development and Information, and Minister-in-charge of Cybersecurity and Smart Nation Group, Mrs Josephine Teo, the event brought together more than 100 representatives from government, research institutions and industry at the NTU Innovation Centre.

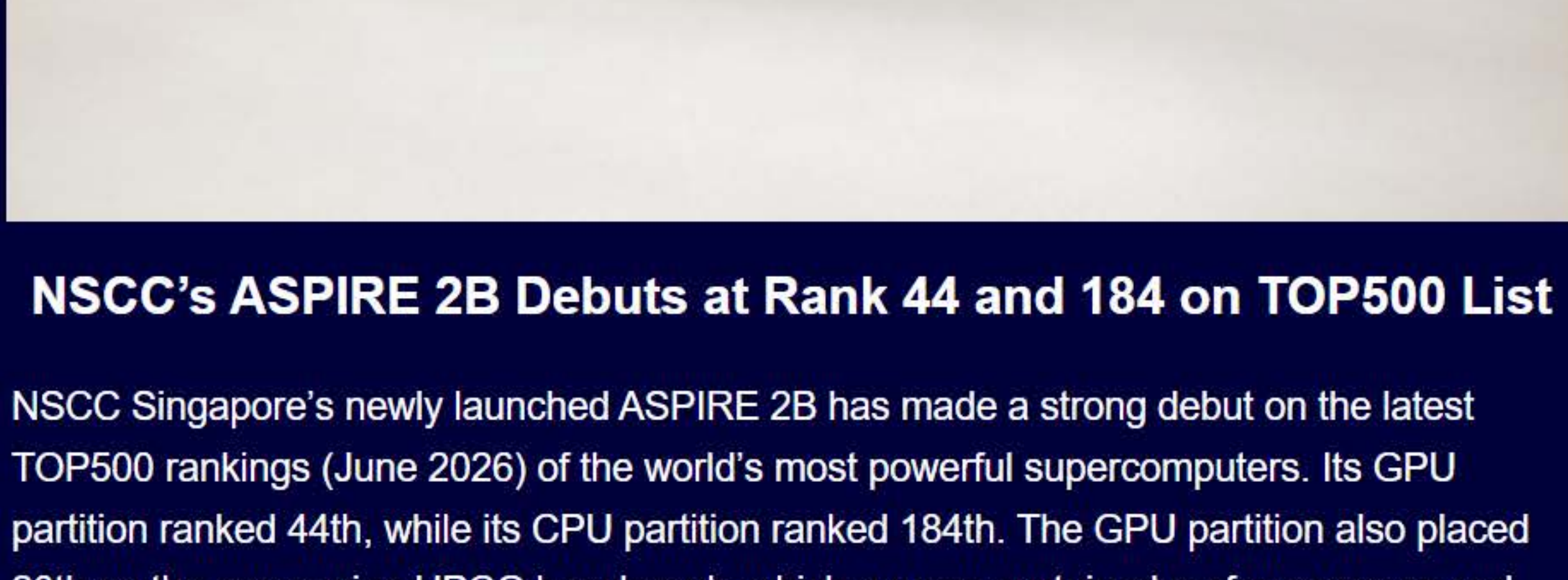
[Read more](#)



NSCC at ISC 2026: Fostering Connections, Empowering Talent

This month, NSCC concluded a week of engagement at ISC 2026 in Hamburg, Germany, one of the world's premier conferences for the high performance computing (HPC) community. The event provided an important platform to strengthen international partnerships, contribute to strategic discussions on the future of HPC, showcase Singapore's leadership in advanced computing and celebrate the achievements of Singapore's student teams on the global stage.

[Read more](#)



NSCC's ASPIRE 2B Debuts at Rank 44 and 184 on TOP500 List

NSCC Singapore's newly launched ASPIRE 2B has made a strong debut on the latest TOP500 rankings (June 2026) of the world's most powerful supercomputers. Its GPU partition ranked 44th, while its CPU partition ranked 184th. The GPU partition also placed 20th on the companion HPCG benchmark, which gauges sustained performance on real-world application workloads — together reflecting Singapore's continued investment in advancing national high performance computing (HPC) capabilities.

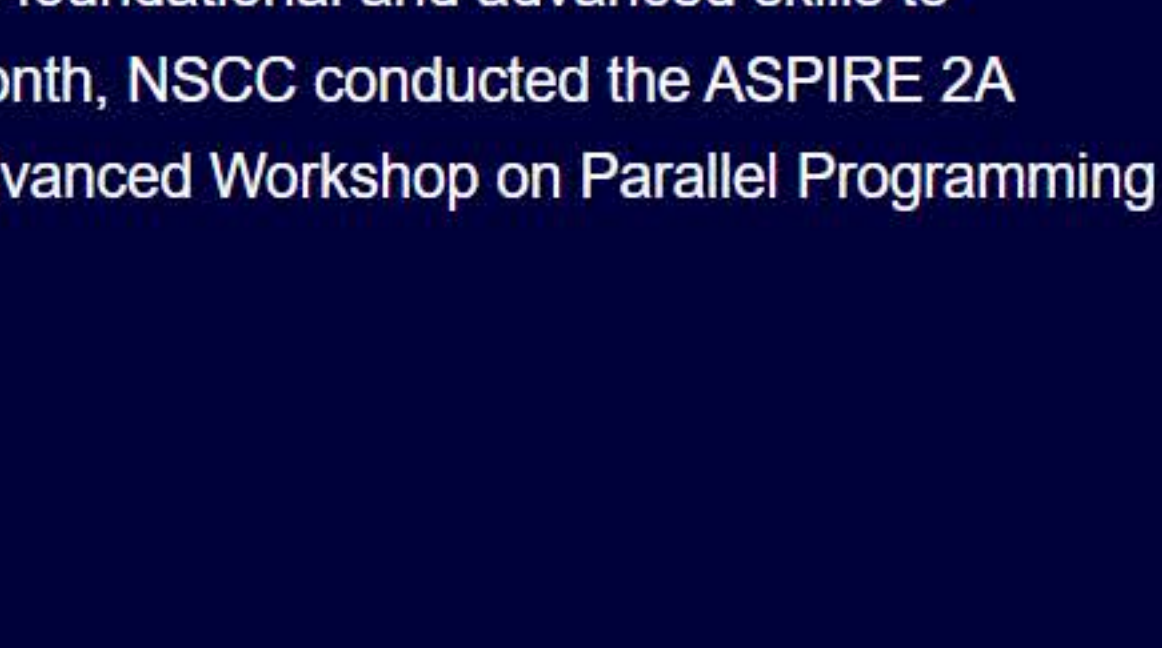
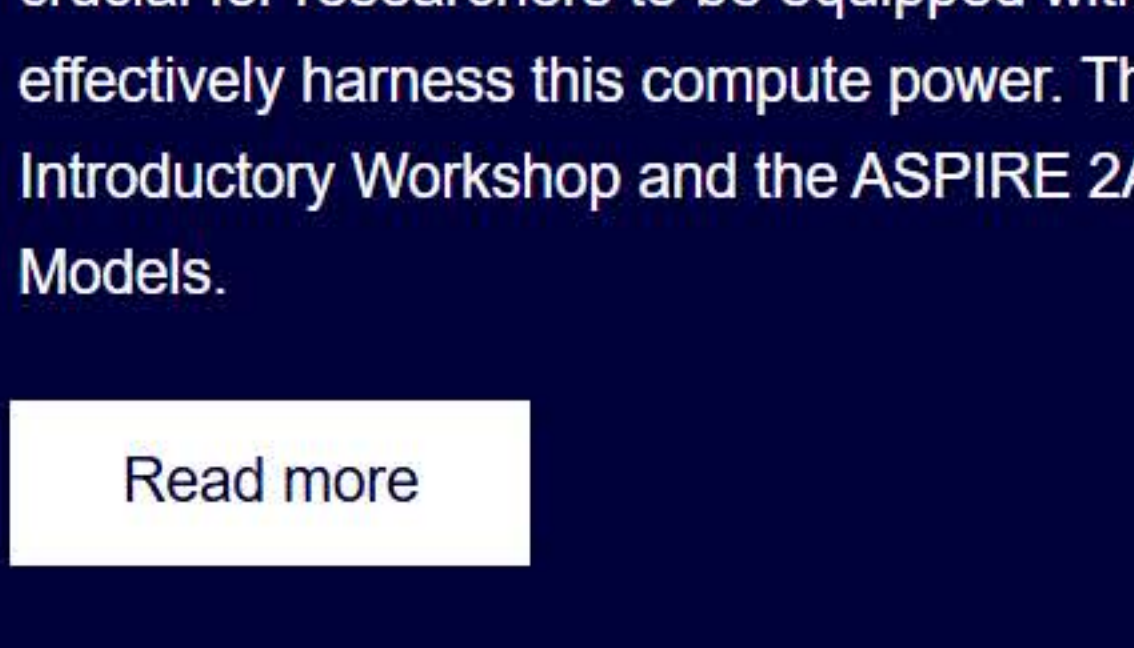
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RSAF Delegation Explores HPC and AI at ASPIRE 2B Data Centre

This month, NSCC welcomed a delegation from the Republic of Singapore Air Force (RSAF) to the ASPIRE 2B Data Centre for the first workshop and guided tour held since the national supercomputer's launch on 8 June 2026. The visit provided participants with an introduction to how high performance computing (HPC) and artificial intelligence (AI) are transforming research, innovation and decision-making across sectors.

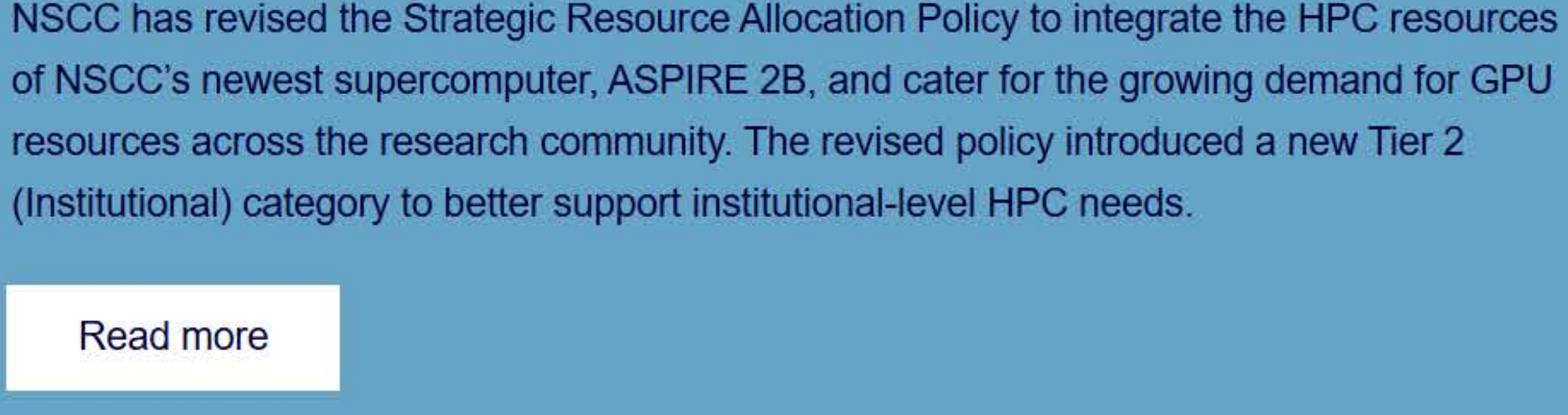
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User Enablement and Training: June 2026 Technical Workshops

As supercomputing infrastructure becomes increasingly powerful and more complex, it is crucial for researchers to be equipped with both foundational and advanced skills to effectively harness this compute power. This month, NSCC conducted the ASPIRE 2A Introductory Workshop and the ASPIRE 2A+ Advanced Workshop on Parallel Programming Models.

[Read more](#)



Updated Strategic Resource Allocation Policy Takes Effect from 1 July 2026

NSCC has revised the Strategic Resource Allocation Policy to integrate the HPC resources of NSCC's newest supercomputer, ASPIRE 2B, and cater for the growing demand for GPU resources across the research community. The revised policy introduced a new Tier 2 (Institutional) category to better support institutional-level HPC needs.

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Photo Credit: The Business Times

Singapore to advance AI agenda as Asean chair, focus on cross-border data flows, smaller firms

When Singapore assumes the chairmanship of Asean in 2027, it will advance several shared artificial intelligence priorities centred around encouraging better adoption across sectors and investing more in shared digital public goods.

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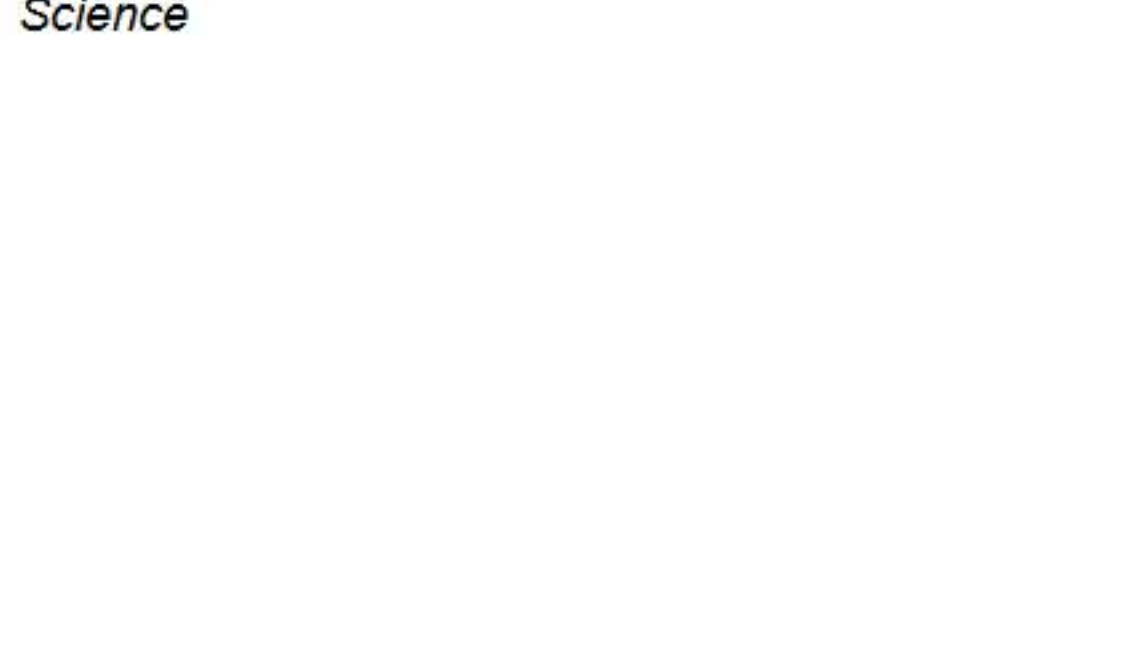
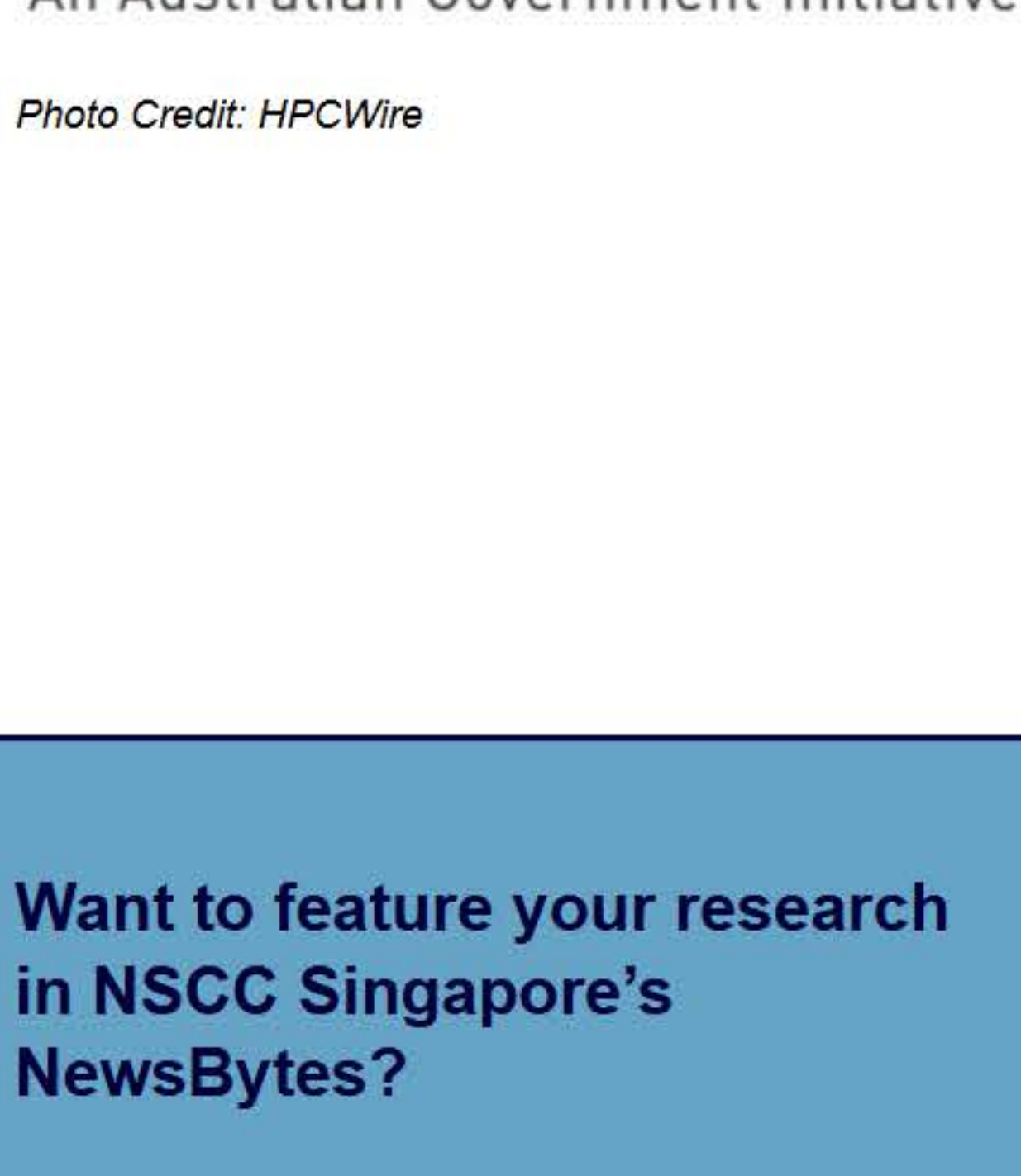


Photo Credit: RIKEN Center for Computational Science

New Supercomputer "ROQUO" for the Quantum-HPC Hybrid Platform Enters Operation — Launching Full-Scale Integration of Quantum Computing and HPC —

The Quantum-HPC Hybrid Platform Division (Director: Mitsuhsa Sato) of the RIKEN Center for Computational Science (hereafter "R-CCS") has installed a new JHPC-quantum GPU supercomputer, "ROQUO", at R-CCS in Kobe and has begun its operation, to accelerate the integration of quantum computing and high-performance computing (HPC).

[Read more](#)



Pawsey Welcomes Continued Australian Government Investment Through NCRIS

The Pawsey Supercomputing Research Centre has welcomed continued investment from the Australian Government's Department of Education through the National Collaborative Research Infrastructure Strategy (NCRIS), supporting Pawsey's role in enabling Australian research and innovation.

[Read more](#)

Want to feature your research in NSCC Singapore's NewsBytes?

We're looking for guest contributors for our monthly newsletter, shared with over 7,500 subscribers.

If you're keen to share your work, email us at e-news@nsc.sg — we'd love to hear from you!

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