

MAVERIC launches to accelerate next generation of Australian research

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Monash University's AI supercomputer MAVERIC is officially launched, with researchers already using its advanced capabilities to accelerate work in cancer, infectious diseases, antimicrobial resistance and new medicine discovery.

The technology will exponentially fast-track efforts to better understand and address some of the world's most complex health and environmental challenges.

Projects currently underway encompass the discovery of new biomarkers in precision medicine for multiple sclerosis, creating better AI models for mental health support, enhancing skin cancer detection, simulating the formation of stars and planets, and analysing thousands of images of Antarctica, spanning decades, to deepen our understanding of protecting this precious environment.

Monash University Vice-Chancellor and President, Professor Sharon Pickering, said the launch of MAVERIC marks a significant milestone for Australian research capability while setting a new standard for secure and sustainable AI infrastructure.

With an initial pipeline of projects already underway, MAVERIC is meeting growing demand for AI-enabled research and helping ensure Australian researchers remain at the forefront of global discovery and innovation, not watching from the sidelines.