



NEWS RELEASE

DSTA AND MIT COLLABORATE ON ARTIFICIAL INTELLIGENCE RESEARCH

Singapore's Defence Science and Technology Agency (DSTA) and the Massachusetts Institute of Technology (MIT) Computer Science & Artificial Intelligence Laboratory (CSAIL) have paired to accelerate the pace of progression in the area of artificial intelligence (AI).

The collaboration was announced on the sidelines of the Singapore Defence Technology Summit 2021¹, and brings renowned MIT researchers and DSTA technologists together to distil insights and elicit AI discoveries, use cases and potential applications.

Leveraging the Master Research Agreement established in 2018, a pilot run was held last year. Both organisations recognised the value of collaborating to seize promising advancements in AI – from the use of AI to enhance cognition and decision-making; countering asymmetric threats and disinformation; or examining ways to make AI more accessible and dependable. Joint research projects have commenced, and are expected to run for three years.

“In the global emerging technologies field, AI research has been a particularly exciting space on the cusp of game-changing findings and applications. Collaborations with leading research institutions such as MIT ensure that DSTA is primed to translate such innovations into capabilities for defence and beyond,” said DSTA's Deputy Chief Executive (Information) Gayle Chan.

“AI is central to much of our CSAIL research and I am optimistic about what the future holds! I believe AI will improve our lives in many ways, some of which we've only begun to imagine. Together with DSTA we can accelerate the pace of progress and put our thought work into tangible technological applications,” said CSAIL director and MIT professor Daniela Rus.

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¹ Hosted by DSTA from 12-15 October 2021, the Singapore Defence Technology Summit gathered global thought leaders from government, industry, academia and think tanks, to network, confer, and collaborate in the development of defence and security capabilities. Visit <http://www.techsummit.sg> for more information.

About the Defence Science and Technology Agency

The Defence Science and Technology Agency (DSTA) is a top-notch technology organisation that drives innovation and delivers state-of-the-art capabilities to make the Singapore Armed Forces a formidable fighting force. Our engineers and IT professionals harness multidisciplinary expertise to equip our soldiers with advanced systems to defend Singapore. DSTA also contributes its technological expertise to support national-level developments. To achieve its mission, DSTA performs a variety of roles ranging from acquisition and procurement to cybersecurity and software development. DSTA also builds up a strong community of engineers and scientists from the universities, research institutes, government and industry to serve the needs of the nation. Visit <http://www.dsta.gov.sg> for more information.

About the Massachusetts Institute of Technology

Founded to accelerate the nation's industrial revolution, MIT is profoundly American. With ingenuity and drive, our graduates have invented fundamental technologies, launched new industries, and created millions of American jobs. At the same time, and without the slightest sense of contradiction, MIT is profoundly global. Our community gains tremendous strength as a magnet for talent from around the world. Through teaching, research, and innovation, MIT's exceptional community pursues its mission of service to the nation and the world.