

## **CAAS AND NTU TO ESTABLISH SINGAPORE'S FIRST R&D INSTITUTE FOR ATM**



Civil Aviation Authority of Singapore Director-General Mr Yap Ong Heng and Nanyang Technological University Provost Professor Freddy Boey sign a Memorandum of Agreement to establish Singapore's first Air Traffic Management Research Institute.

The Civil Aviation Authority of Singapore (CAAS) and Nanyang Technological University (NTU) signed a Memorandum of Agreement (MOA) to establish Singapore's first Air Traffic Management Research Institute (ATMRI).

Exclusively dedicated to air traffic management (ATM) research and development (R&D), the new institute will undertake activities that seek to increase air traffic capacity and enhance flight operations efficiency. These will include research projects in the fields of air-ground traffic management, weather forecast and information management, aircraft separation management, and human-machine interaction.

The ATMRI will leverage on both CAAS's in-depth knowledge and experience of ATM and NTU's research capabilities and access to talent. It will also collaborate with international partners with expertise in ATM, in order to facilitate knowledge and expertise transfer, as well as cast a global perspective on the institute's undertakings.

Over the next five years, CAAS will provide S\$50 million to fund the programme's R&D activities, while NTU will provide in-kind contributions worth around S\$20 million, which includes the provision of research manpower and facilities.

Commenting on the institute's launch, Mr Yap Ong Heng, Director-General, CAAS, said, "The ATMRI is a key element of CAAS's larger effort to build Singapore as a centre of excellence for ATM. Through the conduct of high quality ATM R&D of [a] world-class standard, the ATMRI will develop innovative solutions to catalyse ATM transformation in Singapore and the Asia Pacific, harmonised with ATM developments globally for interoperability."

"The new institute will be able to translate NTU's fundamental research into feasible applications for the real world. This not only generates knowledge and know-how but also provides critical manpower needed for research in ATM. With a vibrant ATM R&D community in Singapore, we will be able to retain a strong research talent pool in the long run." added Professor Freddy Boey, Provost, NTU.