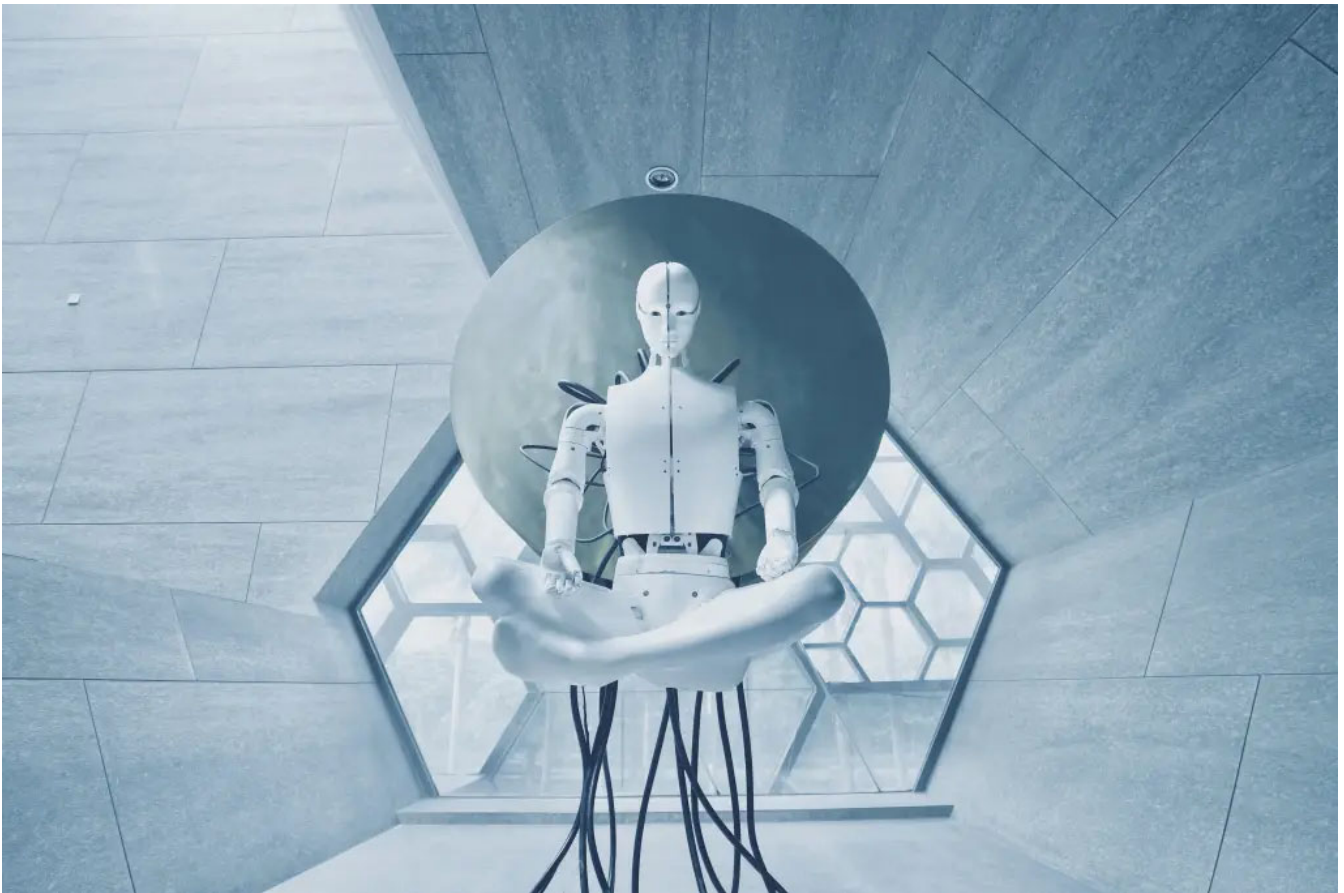




AUTONOMOUS VEHICLES, GADGETS

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# SCHAEFFLER AND NTU EXPAND SHARE LAB



Schaeffler and Nanyang Technological University (NTU) are expanding the Schaeffler Hub for Advanced Research at NTU (SHARE at NTU) joint lab to accelerate innovations in future mobility, robotics and Industry 4.0.

Researchers from Schaeffler and NTU, including undergraduates, postgraduate students, and PhD candidates across NTU's multiple engineering and technological disciplines will



SHARE at NTU is supported by Singapore agencies such as Agency for Science, Technology and Research, Economic Development Board and National Research Foundation.

It aims to nurture a collaborative ecosystem by encouraging partnerships in key industrial areas, including new production concepts and advanced manufacturing technologies to support the country's focus on digitalisation and innovation.

This comes as Singapore prioritises its digitalisation and innovation capabilities through various initiatives, such as the Advanced Digital Solutions Scheme, which aims to help firms adopt cutting-edge digital solutions such as robotics.

"The partnership draws on NTU's interdisciplinary strengths and Schaeffler's wealth of industrial experience to generate game-changing solutions. The joint lab, which also sees collaboration with government agencies to offer a last mile delivery service, is an example of how the SHARE at NTU Lab can translate inventions and creativity into outcomes that enhance economic benefits and quality of life," said Subra Suresh, President Professor of NTU.

"Our collaboration with NTU is part of our larger SHARE programme, which provides a bridge between academia and our employees to have intensive exchanges and close cooperation in strategic projects. This allows for the development of new technology and insights that enable the transition towards a sustainable and digitalised future," said Uwe Wagner, Chief Technology Officer of Schaeffler Group.

The expansion of the collaboration builds on an earlier partnership between NTU and Schaeffler started in 2017 that focuses on joint research and development of smart mobility devices to tackle transportation challenges, which is in line with Singapore's push towards its Smart Nation vision.

To date, the collaboration yielded successes such as a fully functional personal mobility device prototype, small wideband antennas for vehicle-to-everything applications, and a highly integrated drivetrain for scooters.