

Cyber Security for Autonomous Systems

Recently, there has been growing research interests focusing on cyber security of single autonomous vehicles. This call focuses instead on novel ideas and research proposals on securing (privately operated) networks of autonomous vehicles and their supporting infrastructure, such as cloud-based architecture against cyber attacks. The approach towards cyber worthiness should be integrated and holistic, taking factors such as safety, privacy and reliability into consideration.

Candidates applying for the Temasek Research Fellowship are free to propose research topics that could lead to the advancement of the technology to secure autonomous systems against cyber attacks. They should possess outstanding research competencies in the area of cyber security, and are expected to develop and build relevant framework and techniques that demonstrate the achieved technological advances.

For more information, please contact Mr Cheng Kuo Huwe Leon, Programme Manager, Future Systems and Technology Directorate (FSTD), MINDEF at CHENG_Kuo_Huwe_Leon@defence.gov.sg