



College of Engineering

Hardware Assurance Team from Temasek Laboratories @ NTU wins the Defence Technology Prize 2016 Team (R&D) Award

Congratulations to the Hardware Assurance Team from Temasek Laboratories @ NTU for winning the prestigious Defence Technology Prize 2016 Team (R&D) award by the Ministry of Defence (MINDEF). The team was recognised for its outstanding contribution in the areas of defence science and technology.

The multidisciplinary team led by Prof Gan Chee Lip (MSE) and Assoc. Prof Gwee Bah Hwee (EEE), comprises researchers from the School of Electrical and Electronic Engineering and the Microelectronics Failure Analysis Lab of the School of Materials Science and Engineering.

Over the last 10 years, the team has developed physical and circuit analysis techniques and software for advanced integrated circuit chips against hardware Trojans. This is achieved through new sample preparation recipes, efficient high resolution imaging techniques and processing, and automated circuit analysis. The capabilities achieved can ensure the trustworthiness of electronics used in Singapore's defence systems.

For more information on the Defence Technology Prize 2016, please visit:
https://www.mindef.gov.sg/imindef/mindef_websites/topics/dtp/dtp2016/index.html