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IIUM & MIMOS Launch Cyberspace Security Lab

Cyberspace security laboratory marks new beginning for cutting-edge research on Information Security

International Islamic University Malaysia (IIUM) and MIMOS have debuted a Cyberspace Security Lab, marking a new beginning for cutting-edge research in Information Security in Malaysia. The IIUM-MIMOS Cyberspace Security Lab, located at the IIUM Campus in Gombak, is an outcome of a Memorandum of Agreement (MoA) signed between IIUM and MIMOS in October 2006. The collaboration between IIUM and MIMOS was initiated especially to promote human capital development and to enhance R&D capability.

"Our experts from the Science faculty, Information and Communication Technology faculty and Engineering faculty especially in the fields of conventional and non-conventional cryptography, optoelectronics,

telecommunications, mathematics, network security, nonlinear optics and experimental physics will collaborate with IIUM's post-graduate students and MIMOS researchers to ensure the success of the lab," said IIUM's Rector, Professor Dato' Dr Syed Arabi Iddid.

The facility will focus on investigating and developing new cryptography protocols, conducting frontier experiments and to realize end-to-end ultra-secure communications and to offer postgraduate programs in the field of information security. Applied research activities undertaken will result in the development of ultra secure encryption key management as well as encryption algorithms and modules.

The IIUM-MIMOS Cyberspace Security Laboratory is equipped with state-of-the-art facilities and equipment including an optical table with automatic pneumatic leveling system; measurement equipment; optics and electronics devices; test equipment; an air shower and electronic benches to support the experiments and related projects.

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MIMOS' Senior Vice President for Technology Realisation and Operations, Abdul Aziz Abdul Kadir and IIUM's Rector, Professor Dato' Dr Syed Arabi Idris at the launch of MIMOS - IIUM Cyberspace Security Lab Launch held at the IIUM Campus in Gombak recently.