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MIMOS & UTAR To Set Up Pattern Recognition & Machine Vision Lab

Research collaboration to enhance Malaysia's standing in the field of pattern recognition and vision systems



(Left - right) Professor Engr. Dato' Dr Chuah Hean Teik, UTAR President and MIMOS President & Chief Executive Office, Dato' Abdul Wahab Abdullah. Looking on was UTAR Council Chairman, Tun Dr. Ling Liong Sik.

Universiti Tunku Abdul Rahman (UTAR) and MIMOS recently announced the setting up of a pattern recognition and machine vision laboratory, aimed at

enhancing Malaysia's standing in the field of pattern recognition and vision systems. Under a Memorandum of Agreement (MoA) signed in Petaling Jaya, UTAR's Faculty of Information and Communication Technology and MIMOS' Centre for Multimodal

Signal Processing (CMS) will work closely to set up a joint laboratory, to be located at UTAR, for research in pattern recognition and machine vision aimed at

spearheading the development of advanced techniques for intelligent video surveillance.

"While the video surveillance market is proliferating worldwide, spurred by increased public and private security concerns, there is also an increasing need for new technologies to make video surveillance systems more discerning and intelligent. Video analysis is crucial for the automation of video monitoring in combating operator fatigue especially where the number of video surveillance cameras is huge," said MIMOS President & Chief Executive Office, Dato' Abdul Wahab Abdullah.

MIMOS' CMS research activities involve innovative techniques

and engines related to the processing and representation of information for problems with commercial potential. Currently, CMS is focused on researching and developing intelligent video surveillance components which employ novel algorithms to detect unusual behavior that may pose threats.

The UTAR-MIMOS collaboration will result in the transfer of knowledge and expertise; promotion of research activities in specific fields of pattern recognition and vision systems with the ultimate aim of producing cost-effective technology platforms which the indigenous industries can further develop into products and services to meet market demand.