



**Press Release
For Immediate Release**

MIMOS Seals Research Collaborations with 13 Local Universities

Universities to focus on basic research to complement MIMOS' applied research in frontier technologies

What: Memorandum of Understanding signing ceremony between MIMOS and 13 local universities to seal research collaborations in frontier technologies

Why: Universities create MIMOS' virtual research team

How: Universities to focus on basic research to complement MIMOS' applied research in frontier technologies, all aligned towards Ministry of Science, Technology and Innovation's *Technology and Innovation roadmap*.

Who: Dato' Abdul Wahab Abdullah,
President & Chief Executive Officer,
MIMOS

Kuala Lumpur, Malaysia, 26 June 2007 – MIMOS today sealed research collaborations in frontier technologies with 13 local universities aimed at creating the MIMOS virtual research team.

The collaborations were made official at a Memorandum of Signing ceremony, themed, "*Collaborative Research Towards Building a K-Nation*".

The research collaborations will see the 13 local universities focusing on basic research in their respective technological areas of excellence; while MIMOS will concentrate on applied research in frontier technologies.

MIMOS and the 13 universities' collaborative technological areas will support the Ministry of Science, Technology and Innovation's *Technology and Innovation roadmap* – which serves as a compass for researchers in aligning their work towards achieving the national aspiration of K-Nation.

“The universities essentially serve as MIMOS virtual research centres and will undertake basic research to complement MIMOS applied research to build technology competencies in driving centres of excellence,” said MIMOS President and Chief Executive Officer, Dato' Abdul Wahab Abdullah.

The 13 universities and their areas of technological focus are:

- **University of Malaya** – image and signal processing; material and devices in micro and nano-electronics and Grid-High Performance Computing (HPC) sciences.
- **Universiti Sains Malaysia (USM)** - Micro-Electro Mechanical Systems (MEMS) design, specifically in the domain of biosensor and chemical sensor; application in agriculture.
- **Universiti Kebangsaan Malaysia (UKM)** - frontier research fields such as Microelectronics, Microelectromechanical Systems (MEMS) sensor and actuator and Nanotechnology.
- **Universiti Putra Malaysia (UPM)** – Advanced Informatics and Bioinformatics.
- **Universiti Teknologi Malaysia** - advancement of biometric technology towards the establishment of the National Biometric Technology Cluster to help the government agencies in coordinating research, advising on policies related to biometrics, activating domestic biometric industry, intensifying the implementation of biometric standards and representing Malaysia in international activities.
- **Universiti Teknologi Mara (UiTM)** – advanced level of Industrial Design that complement MIMOS in developing products that demonstrate frontier technologies.

- **International Islamic University of Malaysia (IIUM)** – MIMOS and IIUM's research collaboration focuses on cyberspace technologies for e-Sovereignty. Under this partnership, IIUM and MIMOS will conduct enhanced applied research in four technologies namely information security, grid computing & bioinformatics, microelectronics, and language & learning technologies.
- **Universiti Utara Malaysia (UUM)** – advanced ICT research especially in the areas of Advanced Informatics, Wireless Broadband, Information Security Knowledge Technology, Artificial Intelligence and Grid Computing.
- **Universiti Malaysia Sarawak (UNIMAS)** – intelligent recognition techniques and pattern recognition from a computational and human cognition approach.
- **Multimedia Universiti (MMU)** – Wireless Communications, Biometrics, Knowledge Technology and Grid Computing.
- **Universiti Tenaga Malaysia (UNITEN)** – Trusted Computing research and development specializing in Security Layer Services for Trusted Systems, Trusted Systems Testing and Verification and Trusted Mobile Applications.
- **Universiti Kuala Lumpur (UniKL)** - to promote co-operation in research and development, technology transfer and commercialisation in the areas of advanced informatics, wireless broadband, information security, knowledge technology, artificial intelligence, grid computing and microelectronics and semiconductors.
- **MUST Ehsan Foundation** – The research collaboration between MIMOS and MUST revolves around the existing issues in Mobile Internet Protocol v6 (MIPv6). The main thrust of the collaboration is to improve MIPv6, making it more deployable and robust.

The research collaborations with the 13 local universities further strengthens MIMOS network of dedicated partners and provides MIMOS with the opportunity to pool strengths and tap into a wealth of expertise in exploring and discovering innovative basic research techniques at the universities.

“The extension of MIMOS research teams to include universities empowers MIMOS to undertake market focused strategic applied research to grow the indigenous industries and develop joint projects for wealth creation, knowledge generation and social well being,” said Dato’ Wahab.

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About MIMOS

MIMOS is Malaysia’s leading applied research organisation in information & communication technologies aimed at growing globally competitive indigenous industries.

MIMOS pursues exploratory and industry-driven applied research through multi-stakeholder smart partnerships with universities, research institutes, Government and industries with a focus on frontier technologies. MIMOS’ applied research areas, based on real-world trends, are cyber space security, encryption systems, grid computing & multi-service networks, wireless broadband, MEMS/NEMS systems, advanced informatics, knowledge technology and micro energy systems.

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