



UniMAP Ratifies Research Collaboration With MIMOS

This Memorandum of Agreement (MOA) between UniMAP dan MIMOS was signed by UniMAP's Vice Chancellor, Brig. Jen. Dato' Prof. Dr. Kamarudin Hussin dan MIMOS President and Chief Executive Officer, Dato' Abdul Wahab Abdullah. This collaboration involves the development of various specialized devices. Of particular interest are micro-electro-mechanical (MEMS) sensor and actuators, energy scavengers for powering micro devices, micropumps and other associated devices for specific functions. The umbrella programme for these collaborations is precision agriculture and environmental monitoring. Barium Strontium Titanate (BST), a highly specialized and exotic material, pioneered in UniMAP for various applications, will be used in four different subprojects.

These projects, BST Sensor/actuator platform, energy scavenger, micropump and test structure are specifically geared towards providing advance analysis and control of agriculture in Malaysia. In this respect and in view of the national agriculture policy, this collaboration will be able to enhance the local agriculture environment and provide a means for boosting productivity. This collaboration will be of mutual interest and benefit to both UniMAP and MIMOS in terms of sharing of expertise as well as microfabrication facilities and toward advancement of knowledge. This project is scheduled for completion by the end of 2009.