



KEMENTERIAN SAINS,
TEKNOLOGI DAN INOVASI
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

PRESS RELEASE

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

MOSTI AND MIMOS STRENGTHEN MALAYSIA'S SEMICONDUCTOR LEADERSHIP WITH XIAMEN UNIVERSITY AND GMPT SOFTWARE SPONSORSHIP

DENGKIL, 28 FEBRUARY 2025 – Ministry of Science, Technology, and Innovation (MOSTI) is reinforcing Malaysia's position in the global semiconductor industry through a strategic partnership with Xiamen University (XMU) and GMPT Software. This initiative marks a significant step in advancing semiconductor research and development in Malaysia.

The **Technology Sponsorship Ceremony by Xiamen University China (XMU)** marks a major milestone in the Government-to-Government (G2G) collaboration between Malaysia and China. During the event, XMU officially presented a **USD 2 million semiconductor simulation software** from General Mathematical-Physics Technology Co., Ltd. (GMPT) to MIMOS Berhad. This advanced **TCAD (Technology Computer-Aided Design) software** will enhance **device modelling, material characterisation, and process optimisation**, benefiting both R&D and industry applications. The sponsorship strengthens Malaysia's semiconductor ecosystem, supporting technological advancements, talent development, and global competitiveness in the semiconductor industry.

Driving Semiconductor Innovation at MIMOS

Developed by GMPT Software, the cutting-edge TCAD software enables precise simulation of semiconductor devices, essential for next-generation chip development. To maximise its impact, MIMOS will house and manage the software through its **Industry Technology Innovation Centre (ITIC)** and **MIMOS Academy**, ensuring accessibility for researchers, industry players, and academic institutions. The software will be available at MIMOS, with online training sessions facilitating seamless adoption by local talent and professionals.

Strengthening Global Partnerships for Technology Excellence

The Xiamen University delegation, led by **Prof. Zhang Rong, Chairman of Xiamen University Council and Member of the Chinese Academy of Sciences**, included **Prof. Wang Ruifang, President of Xiamen University Malaysia, and Mr. Yang Meng, CEO of GMPT Software**. Their commitment to fostering deeper academic-industry collaboration aligns with Malaysia's vision for technological advancement and international partnerships.

YB Tuan Chang Lih Kang, Minister of Science, Technology, and Innovation said, "This partnership is a game-changer for Malaysia's semiconductor ecosystem. With this software now available at MIMOS, we can enhance R&D capabilities, train local talent, and strengthen Malaysia's position in the global semiconductor supply chain. We are grateful to Xiamen University and GMPT Software for their forward-looking collaboration."

Advancing Malaysia's Semiconductor Ambitions

This initiative aligns with MOSTI's vision to establish Malaysia as a leader in semiconductor R&D, complementing national efforts in **talent development, technology commercialisation, and industry collaboration**. MOSTI and MIMOS remain committed to **driving high-impact innovations, fostering global partnerships, and solidifying Malaysia's role in the semiconductor and microelectronics industry**.

#TAMAT#

Prepared by:

**MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION
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About MIMOS Berhad

MIMOS is a strategic agency under the Ministry of Science, Technology and Innovation (MOSTI) and a premier innovation centre in Semiconductors, Microelectronics, and ICT technologies, contributing to Malaysia's socio-economic growth through patentable technology platforms, products, and solutions. Since its inception, MIMOS has filed 2,000 patents in various technology domains and across key socio-economic areas driving Malaysia's digital transformation journey into the international arena.

As a centre of research excellence, MIMOS R&D activities currently focus on Semiconductor & Thin Film Research, Advanced Electronics & Embedded Systems, as well as Manufacturing and Smart Nation technologies. MIMOS continuously enhance its collaborations with existing strategic partners, explores new opportunities with potential partners, and develops new technology companies and business-oriented technology venture organisations. MIMOS also maintains its R&D of advanced technology, explores the development of global technopreneurship, and cultivates an attitude of trust, innovation and high performance.

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