



WITSA's World Congress on IT 2008 - May 18-22

16th World Congress on Information Technology
Kuala Lumpur, Malaysia

Innovation for Life



FOR IMMEDIATE RELEASE

MIMOS LAUNCHES eBIOCHEM PORTAL

Gateway for bioinformatics and chemistry researchers worldwide to share knowledge and expertise

What: MIMOS launched its eBioChem Portal

Why: To provide a gateway for bioinformatics and chemistry researchers worldwide to share knowledge and expertise

When: 15, May 2008

Where: Grid Computing Conference (GCC) in conjunction with World Congress on IT (WCIT) 2008

Who: Minister of Science, Technology & Innovation, Datuk Dr Maximus Ongkili

Dato' Abdul Wahab Abdullah, President & CEO, MIMOS

WCIT 2008 Sdn Bhd [660389-P]
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KUALA LUMPUR, 15 MAY 2008 – MIMOS today launched its eBioChem Portal - a gateway for bioinformatics and chemistry researchers worldwide to share knowledge and expertise - which was officiated by Minister of Science, Technology & Innovation, Datuk Dr Maximus Ongkili at the Grid Computing Conference (GCC) held in conjunction with the 16th World Congress of Information Technology (WCIT) 2008.

A project under KnowledgeGRID Malaysia, the National Grid Computing Initiative, MIMOS' eBioChem Portal was developed, in collaboration with Altair Engineering, to provide a user-friendly, secure, reliable, fast and cost-effective access to computational and data capabilities specifically for bioinformatics, chemistry and life sciences industries.

“KnowledgeGRID Malaysia is far more than just resource sharing. It is a significant step forward to build the cyber-infrastructure for Malaysia to provide a coordinated, single economic engine to compete with the rest of the world. Above all, it is a commitment, through the advancement of frontier technologies, to improve the quality of life for every citizen in Malaysia,” said Dato' Abdul Wahab Abdullah, President & CEO, MIMOS.

“Extending the concept of grid from computing grid to knowledge grid, it is possible to make use of a grid as not only sharable computing resources, but also as time and place in which people work together, create knowledge, and share knowledge and experiences in a community,” he added.

The bioinformatics research area is now faced with a mountain of ever-increasing and distributed information. The molecular and genomic data required to represent the picture of the whole genomic system are dispersed across the world in different sources of data, while at the same time each data source resides in its own format.

The eBioChem Portal is a technology platform that provides web-services such as job submission, job monitoring and job reports for bioinformatics and chemistry researchers and industries that require high computing power and short job processing time such as molecular and biological sequence information.

The molecular and biological sequence information applications currently available via the portal include amino-acid sequences of different proteins or the nucleotides of DNA sequences and computational chemistry.

Grids allow the scientific community to interact in real time with modeled phenomena to steer through distributed simulations; and to successfully negotiate access to distributed yet highly expensive scientific instruments.

Grids have a huge impact on the life sciences and not just in drug discovery and bioinformatics. For example, the eBioChem portal gives life science organisations the agility necessary to streamline and replicate processes so repetitive tasks of scheduling multi-step processing are automated; make faster and smarter decisions through a step-by-step job submission guide and online job status monitoring anytime and from anywhere resulting in increased profitability, service, reliability and competitive advantage.

- Ends -

About MIMOS

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 cyberspace security, encryption systems, grid computing, communication technologies, MEMS/NEMS, advanced informatics, knowledge technology and micro energy.

MIMOS is the recipient of Frost & Sullivan's Growth Excellence Award 2007 for Industry Innovation & Advancement (Precision Agriculture) for its application and development of Micro Electro Mechanical System (MEMS) in the field of precision agriculture.

About WCIT 2008

The five-day World Congress on Information Technology to be held at the Kuala Lumpur Convention Centre on May 18 - 22, 2008 is a premier global ICT forum that brings together global leaders in business, government and academia to impact economic and social development through the exchange of policies and ideas on technology. Often billed as the Olympics of ICT, the 16th WCIT 2008 is themed, "Enable, Empower and Enrich" to reflect its potential to enable businesses, empower societies, and enrich economies.

The event which incorporates a three-day Congress, a Link Program for business matching, several ICT exhibitions and various ancillary activities is expected to draw more than 2,500 delegates from more than 80 countries worldwide. Keynote speakers include some of the most respected and admired names in industry and government.

Related Events

In addition to WCIT 2008, there will be 13 other ICT Related Events organized for an all-encompassing global ICT gathering. WCIT 2008 and its Related Events will provide an extensive platform for Malaysian ICT players to forge strategic partnerships, enhance business networks, showcase ICT products and services, and exchange ideas or thoughts for constructive resolutions on a comprehensive coverage of ICT issues and sectors.

The 13 Related Events co-joining this year's WCIT are the United Nations Global Alliance for ICT and Development (UN-GAID); the Commonwealth Telecommunications Organisation (CTO) E-Governance Asia Forum; the International Multilateral Partnership Against Cyber Terrorism World Cyber Security Summit (IMPACT WCSS); the International Advisory Panel Meeting for MSC Malaysia (IAP); the World Information Technology and Services Alliance (WITSA) Annual General Meeting; the Asian-Oceanian Computing Industry Organization (ASOCIO) Plenary Meeting; the Mastering IT Project Management (MITPM) 2008; the Grid Computing Conference (GCC); the Cyber Development Corps (CDC) Strategic Alliances Programme; the Mobile Monday Global Forum; PC Fair International 2008 and PIKOM Software & Services Showcase (PS³).

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