

# 4<sup>th</sup> INTERNATIONAL CONFERENCE ON INFORMATICS and TECHNOLOGY

GREEN COMPUTING  
CREATING BETTER WORLD. @GHC.UM

**“GREEN ICT TOWARDS INNOVATION and QUALITY RESEARCH”**  
**10-11<sup>th</sup> NOVEMBER, 2011, FACULTY OF COMPUTER SCIENCE &  
INFORMATION TECHNOLOGY, UNIVERSITY OF MALAYA.**

Organised by:



Co-sponsored by:



This conference is of interest to researchers, industry players, and practitioners involved in cluster, grid and cloud computing that are now harnessing clouds in their respective fields to maximise performance, minimise cost and improve the scale of their endeavours.

**Informatics '11**, one of the region's premier ICT events, will address a range of important topics with respect to using eco-friendly informatics and technologies to boost and promote innovations and quality research. These topics are inline with the conference's theme, that is, '**Green ICT towards Innovation and Quality Research**'.

## Tentative Schedule

### Day 1 : 10 November 2011 (Thursday)

Time	Event	Speaker
0830 - 0900	Registration	
0900 - 1015	Smart+ Connected Community Transforming Urban Development with ICT	Mr. Tay Chong Yoke Technical Director, Cisco Systems Malaysia
1015 - 1035	Tea Break	
1035 - 1045	Welcome Address	Prof. Dr. Siti Salwah Salim Dean, Faculty of Comp. Sci. & Info. Tech, University of Malaya
1045 - 1105	Speech	TBA
1105 - 1220	Cloud Computing for Education	Mr. Ku Chuan Cherng Country Cloud Leader , IBM MalaysiaSdnBhd
1220 - 1400	Lunch	
1400 - 1515	Cloud: Another Cornerstone in the computing Industry	Mr. Ian Su Senior Technology Advisor, Microsoft Malaysia Sdn. Bhd.
1515 - 1700	Parallel session 1/2	
1930	Dinner	

### Day 2 : 11 November 2011 (Friday)

Time	Event	Speaker
0900 - 1015	Data center virtualization	Mr. Michael Coleman Principal Architect Systems, Asia Pacific.
1015 - 1035	Tea Break	
1035 - 1150	Topic 1: Beyond the Hype: Advanced Persistent Threats	Mr. Law Seong Chuen Technical Consultant, Trend Micro Malaysia Sdn Bhd.
	Topic 2: Shift to Virtualized Environments Shaking Up Security	
1150 - 1430	Lunch	
1430 - 1545	Re-imagine Desktop Services for End-User Freedom & IT Control	Mr. Hussein Mohd Ali Systems Consultant, ASEAN, VMware.
1545 - 1700	Parallel session 3/4	
1700	Lucky Draw & Closing	

Mr. Tay Chong Yoke  
Technical Director,  
Cisco Systems Malaysia

**Title: Smart+ Connected Community Transforming Urban Development with ICT.**

**Synopsis**

The Connected Urban Development (CUD) program was born from Cisco's commitment to the Clinton Global Initiative. The speaker will discuss on how ICT can be used to create more sustainable and greener community, along with development of effective green ICT policy.

**Demo:** Virtual Services using Video to deliver services.

**Bio-data :**

**Mr. Tay Chong Yoke** joined Systems Engineer 1998, later as Manager - Systems Engineers and at present as a Technical Director of Cisco Systems. Before joining Cisco he was working as a systems Engineer in Madge Network since 1996. Mr. Tay graduated from Southern Illinois University, Carbondale 1983 – 1987.



Mr. Ku Chuan Cherng  
Country Cloud Leader  
IBM Malaysia Sdn Bhd

**Title:** Cloud Computing for Education

**Synopsis**

This talk will provide an overview on how Cloud Computing can be applied to learning institutions and education. Leveraging the benefits of Cloud Computing architecture and technologies, the education sector can enjoy the benefits of deploying Cloud as part of the delivery system, improving productivity, efficiency and cost.

**Demo:** Cloud Computing for Education

**Bio-data**

**Mr. Ku Chuan Cherng** is the Country Cloud Leader for IBM Malaysia; hold the responsibility to drive the understanding and adoption of cloud computing in country. In his role, he works with major clients and partners, to develop leading edge cloud solutions to meet the needs of the industry and to collaborate to build a marketplace for cloud. Ku has over 20 years of professional experience in IT industry, with roles from technical to sales and managerial functions. He has broad experience in enterprise architecture, dynamic infrastructure and systems technology. Ku has a Bachelor's degree in Electrical Engineering from University of Malaya.



Mr. Ian Su  
Senior Technology Advisor  
Microsoft Malaysia Sdn Bhd

**Title:** Cloud: Another Cornerstone in the computing Industry

**Synopsis**

Cloud computing is a pay-per-use model for enabling available, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, services) that can be rapidly provisioned and released with minimal management effort or service provider interaction (NIST – National Institute of Standards & Technology). The talk includes the technical architecture of Cloud Computing based on the Microsoft Azure platform.

**Demo:** The Windows Azure Platform is an application platform from Microsoft which provides a cloud operating system that serves as a runtime for applications. This demo shows how cloud application can be developed using the Windows Azure IDE.

**Bio-data**

**Mr. Ian Su** is a Senior Technology Advisor from Microsoft Malaysia.



Mr. Michael Coleman  
Principal Architect  
Systems, Asia Pacific  
(Sponsored by Oracle Malaysia)

## **Title: Data Center Virtualization**

### **Synopsis**

Data Centre Consolidation, Virtualization and Efficiency.

### **Demo: Data Center Virtualization**

### **Bio-data**

**Mr. Michael Coleman** is a Principal Architect, Systems, Asia Pacific. He is broadly responsible for Data Centre Consolidation, Virtualization and Efficiency opportunities within Key accounts across Asia Pacific countries.

As a member of the Asia Pacific HQ Architects team he works within these accounts in a strategic capacity as technical adviser to ensure that customer requirements are accurately translated into Oracle solutions. In this role, Michael provides technical executive coverage by maintaining a work relationship with the CIO/CTO.

Prior to joining Oracle Michael spent 15 years with Sun Microsystems where he gained extensive experience in providing complex infrastructure solutions and Data Centre architectures.

Michael has also worked extensively in the Government and Telecommunications sectors in Australia and New Zealand and has been engaged in opportunities throughout the Asia Pacific region and West Africa.

In particular, Michael has worked as a Senior Consultant with Huawei Technologies in Nigeria advising Tier 1 Telecommunications Carriers MTN Nigeria, Etisalat and Zain on Modular Data Centre design principles and techniques. He has also been involved with the Telstra Modular Data Centre (POD) installed in Haymarket Sydney. Other Data Centre activities that Michael has been involved with include infrastructure consolidations throughout Australia New Zealand most notably Sydney Water, New Zealand Police, Accident and Compensation Commission (New Zealand) Telecom New Zealand and Commonwealth Bank (Australia). He is currently engaged on Data Centre consolidation justification reviews with Dept of Defense, Air New Zealand and Vodafone.

Mr. Law Seong Chuen  
Technical Consultant,  
Trend Micro Malaysia Sdn Bhd.

### **Topic 1: Beyond the Hype: Advanced Persistent Threats**

Businesses face a constantly evolving threat landscape. One of the greatest challenges is presented by advanced persistent threats (APTs), which are sophisticated, multi-faceted attacks targeting a particular organization. Mitigating the risk of APTs requires advances beyond traditional layered security to include real-time threat management. Explore with Trend Micro to further describes the nature of APTs, the risks they pose to businesses, and techniques for blocking, detecting and containing APT and other emerging threats.

### **Topic 2: Shift to Virtualized Environments Shaking Up Security**

The rush toward virtualization can have many advantages, but it's largely outracing traditional security and identity management practices. That's leaving huge gaps, a sense of chaos and questions about where security products and services should be applied in the world of multi-vendor virtual-machine (VM) hypervisors. The major challenge for enterprises will be how to proceed from where they are today, through a traditional or hybrid period, to where they will be in the future. Trend Micro delivers on the promise of next generation security strategy – one that will enable enterprises to fully realize the substantial business benefits and cost savings or virtualization and cloud.

### **Demo**

- MS08-067 exploit attack (from physical machine to VM) – Virtual Patching
- SQL injection attack demo – Web Application Protection
- Cross-site scripting attack demo – Web Application Protection

### **Bio-data**

SC LAW is an experienced professional more than (7) years of information security and risk consulting experience in both enterprise security solutions and threat management services.

Over the years, he has served in Technical Account Manager, where he has supported corporate customers and partners from the Asia South countries such as Thailand, Vietnam, Indonesia, Malaysia and Singapore. During this tenure he has served clients within the Education, Insurance, Financial, Banking, Healthcare, Hospitality & Travel, Telecommunication & Wireless Technology, Retail, Warehousing and Manufacturing verticals primarily in South East Asia market and including Fortune 100 companies.

Currently, SC LAW is based in Trend Micro South East Asia Unit as Technical Consultant. He plays a vital role in providing technical and consulting experience including the architecture, design and configuration of technology environments using Trend Micro Enterprise Security approach. His current focus will be building channel pre-sales expertise solution knowledge domain. While Trend Micro customer may enjoy the finest support and improve the solution experience. He is also one of the certifying engineers on the Trend Micro Security Expert (TCSE) certification program and Trend Micro Certified Antivirus Professional (TCAP).



Mr. Hussein Mohd Ali  
Systems Consultant –  
ASEAN, VMware.

**Title:** Re-imagine Desktop Services for End-User Freedom & IT Control

**Synopsis**

Deliver rich, personalized virtual desktops as a managed service from a virtualization platform built to deliver the entire desktop, including the operating system, applications and data. With VMware View, desktop administrators virtualize the operating system, applications, and user data and deliver modern desktops to end-users across sessions and devices.

**Demo:**

Virtual desktop infrastructure and application virtualization

**Bio-data**

Mr. Hussein Mohd Ali provides pre-sales consultancy on business issues in the Government, Education and Healthcare sector. His primary responsibilities include assisting customers in adopting the virtualization and cloud computing journey in a holistic and structured approach. He has close to 9 years in the IT industry within a technical role capacity dealing in systems management solution, ERP application, systems integration and infrastructure projects which includes server, storage and network. He was previously attached to Symantec as a technical consultant helping customers resolve key security and data availability challenges.





## ORGANISING COMMITTEES

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Mr. Ang Tan Fong



## REGISTRATION INFORMATION

<b>Registration Fees</b>	
International Participants	USD 500.00
Local Participants	MYR 500.00

### **Bank Draft/ Banker's Cheque:**

Payment can be made payable to:

**BENDAHARI UNIVERSITI MALAYA** and addressed to:

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