

Programme for MyStats 2015¹
17 November 2015,
Sasana Kijang, Bank Negara Malaysia
“Enriching Statistics in an Inter-connected and Digital World”

Time	Programme
08:00	Registration <i>(Venue: Pre-Function Area, Conference Hall 1, Ground Floor)</i> Refreshment <i>(Venue: Pre-Function Area and Conference Hall 2, Lower Ground Floor)</i>
09:00	Doa Recital <i>(Venue: Auditorium, Lower Ground Floor)</i>
09:10	Keynote address by: YB Senator Dato' Sri Abdul Wahid Omar, Minister in the Prime Minister's Department, Malaysia <i>(Venue: Auditorium, Lower Ground Floor)</i>
09:30	Group Photo Session (Contributors only) <i>(Venue: Sasana Kijang Entrance)</i> Coffee break and Career Fair visit by participants <i>(Venue: Pre-Function Area and Conference Hall 2, Lower Ground Floor)</i>
10:00	Session 1: New frontier in statistics This session provides opportunity for participants to listen to views and learn from experience of experts who are forefront in using or enriching statistics in a highly integrated economic/financial and digital environment. <i>(Venue: Auditorium, Lower Ground Floor)</i> Chairperson: Professor Kamarulzaman Ibrahim, ISM President Speakers: 1. Professor Roberto Rigobon, MIT Sloan School of Management (From Organic to Designed Data: the Billion Prices Project) 2. Ms. Zakiah Jaafar, Director Macroeconomics, EPU (Malaysia: Changing Needs of Statistics Towards Becoming an Advanced Nation)
11:30	Parallel Session 2(a), 2(b) and 2(c) Session 2(a): Fulfilling statistical needs of digital citizens <i>(Venue: Forum, Level 1)</i> This session will discuss the needs of diverse users of statistics living in a current highly mobile and fast pace environment enabled by the widespread adoption of digital gadgets.

¹ Topics may be revised or refined subject to availability of speakers

Chairperson: Professor Dr. Habshah Midi, UPM

Speakers:

1. **Ms. Tan Bee Bee, DOSM**
(Advancement of Data Transmission through METS)
2. **Ms. Siriporn Muksakunratana, Bank of Thailand**
(Issues of Digitalization of Global Business and the Implications on Central Bank Statistics or on the IT Strategy & Policy Formulation for Statistics at the BOT)
3. **Dr. Juita Mohamad, ISIS**
(Trade Liberalization through the Skill-biased Technical Change Channel and Wage Inequality in Malaysia's Manufacturing Sector)
4. **Ms. Sherly George, MMU**
(Synergising GST rate with Direct Tax Rate in sustaining economic growth in Malaysia: Is There A Laffer Curve?)

Session 2(b): Evolution in data and information capturing

This session will discuss and share knowledge on the adoption and application of technology for data sourcing, processing and communication of statistics, including ways to improve data management and provision of statistical services via IT facilities and tools.

(Venue: Conference Hall 1, Ground Floor)

Chairperson: Ms. Lui Kwee Ching, BNM

Speakers:

1. **Mr. Sabri Omar, DOSM**
(Development of ICT in Garnering Statistics)
2. **Mr. Mohd Jalallul @ Jasni Zain Mohd Isa, MDeC**
(DESA: Growing the Digital Economy from a National Perspective)
3. **Dr. Sharifah Sakinah Syed Ahmad, UTeM**
(A Fuzzy Approach to Enhance Uncertain Post Flood Damage Assessment for Quality Risk Analysis)
4. **Dr. Wan Zawiah Wan Zin, UKM**
(Malaysian Household Consumption Expenditure: Rural vs Urban)

Session 2(c): Open data to maximise usage and value of statistics

This session will explore ideas to maximise the usage of statistics, in particular if more macro and micro data could be made freely available to the public without restrictions on usage nor subject to copyright, patents or other mechanisms of control.

(Venue: Training Room 2.3 & 2.4, Level 2)

	<p>Chairperson: Mr. Zainuddin Ahmad, DOSM</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Ms. Siti Haslinda Mohd Din, DOSM (Open Data and Challenges Faced by National Statistics Office) 2. Professor Dr. Maman Abdurachman Djauhari, UPM (Multivariate Time Series Similarity-Based Complex Network In Stocks Market Analysis: Case of NYSE During Global Crisis 2008) 3. Miss Koay Ying Yin, UTAR (Perceived Happiness and Self-rated health: The Twins? A Bivariate Ordered Probit Models Analysis using World Value Survey) 4. Dr. Chan Kok Thim, MMU (Prediction of Bursa Malaysia Stock Index Testing for Accuracy using Autoregressive Integrated Moving Average and Artificial Neural Network)
12:45	<p>Lunch</p> <p>Optional guided tour to Museum & Art Gallery (13:15 – 14:00)</p>
14:00	<p>Parallel Session 3(a)(i), 3(a)(ii), 3(b) and 3(c)</p> <p>Session 3(a): Statistical Methodology & Application</p> <p>This session provides a platform for users and compilers to explore statistical methodologies and applications to enhance the analytical performance of data drawn from a wide range of probability distributions, especially for distributions that are not normal.</p> <p>Session 3(a)(i): (Venue: Conference Hall 1, Ground Floor)</p> <p>Chairperson: Tuan Haji Azahari Mohd Raslan, DOSM</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Abdul Latib Talib, DOSM (The Cyclical Extraction Method and the Causality Model in Business Cycle Analyses: Do they complement or clash to one another?) 2. Professor Dr. Habshah Midi, UPM (Robust GM - Estimator for Linear Model in the Presence of High Leverage Collinearity Influential Observations) 3. Mr. Alfadino Akbar, UPM (Explorative Analysis and Visual Representations of Islamic Capital Markets Using Extreme Value Dependence Measures) 4. Mr. Sam Chung Yan, USM (Bootstrap Autoregressive Distributed Lag Test: A New Cointegration Test) 5. Dr. Nor Afzalina Azmee, UPSI (Inflation of a Type II Error Rate in Three-Arm Non-Inferiority Trials)

6. Dr. Thulasyammal Ramiah Pillai, Taylor's College

(Generalized autoregressive moving average: An application to GDP in Malaysia)

Session 3(a)(ii):

(Venue: Training Room 2.3 & 2.4, Level 2)

Chairperson: Dr. Yong Zulina, UM

Speakers:

1. Dr. Siti Azirah Asmal, UTeM

(A Survey on Users Perceptions of Electric Vehicles for Mobility in a Malaysian University)

2. Dr. Wan Zawiah Wan Zin, UKM

(Application of mixtures of von Mises-Fisher model to investigate the statistical characteristics of the wind direction data)

3. Mr. Ahmad Nazim bin Aimran, UMT

(Academic Achievement on Student Motivation: Latent Class Analysis across Gender Group)

4. Dr. Nor Azah Samat, UPSI

(Chikungunya Disease Mapping in Malaysia: an Analysis based on SMR Method, Poisson-gamma Model, SIR-SI Model 1 and SIR-SI Model 2)

5. Miss Erni Tanius, UNISEL

(Defect Identification: Application of Statistical Process Control in Production Line)

Session 3(b): Big data analytics

(Venue: MAG theatrette, Ground floor)

This session provides an opportunity for participants to discuss on the use of structured, semi-structured and unstructured high volume and diverse statistics in search of valuable business information and insights.

Chairperson: Ms. Chuah Jia Wen, Google

Speakers:

1. Dr. Mark Chia, SAS

(Big Data Analytics)

2. Ms. Rakhisah Mat Zin, Oracle

(Capture, Organize and Analyze Big Data for Research Enterprise)

3. Dr. Bharat Bhushan Verma, UUM

(Model Airtime Transfer Behavior Using Wavelet Transform in Malaysian Telecom Market)

	<p>4. Miss Sonia Hajar Marophahita, STIS 53 Computer Division, Jakarta (Pattern of Leverage Regions)</p> <p>5. Mr. Muhammad Zikri, Bank Indonesia (Big Data Utilisation in Bank Indonesia)</p> <p>Session 3(c): Roundtable discussion for Young Statisticians (Venue: Forum, Level 1)</p> <p>Theme: How could young statistician help in raising statistical awareness? This session provides opportunity for young statisticians, including students and practitioners in their early career, to discuss future of statistics, challenges and opportunities in statistics and share their experiences in dealing with statistics.</p> <p>Moderator: Dr. Nurulkamal Masseran, ISM Deputy Honorary Secretary Mr. Toh Hock Chai, BNM</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Mahdir Bahar, DOSM 2. Ms. K. Megala Kumaran, DOSM 3. Miss Ewilly J.Y. Liew, Monash University 4. Dr. Zamira Hasanah Zamzuri, UKM 5. Dr. Nor Haslinda Ali, UPM 6. Chia Yi Han, Frost & Sullivan Asia Pacific 7. Sachvinder Singh, CTOS 8. Rayyan Teh Hassan, BNM
15:30	<p>Coffee Break (Venue: Pre-Function Area and Conference Hall 2, Lower Ground Floor)</p>
16:00	<p>Panel Discussion: Statistics in inter-connected and digital world: Moving forward (Venue: Auditorium, Lower Ground Floor)</p> <p>As a concluding session for compilers and users to discuss and call for actions to enhance statistics in integrated and dynamic digital world.</p> <p>Chairperson: Dr. Mohd Uzir Mahidin, DOSM</p> <p>Panellists:</p> <ol style="list-style-type: none"> 1. Ms. Nazaria Baharudin, DOSM 2. Dr. Yeah Kim Leng, MUST 3. Prof. Dr. Azami Zaharim, ISM 4. Mr. Tan Yaw, Pivotal
17:15	<p>Closing Remarks by: Dr. Mohd Uzir Mahidin Deputy Chief Statistician, Department of Statistics, Malaysia (Venue : Auditorium, Lower Ground Floor)</p>