



ISM-VII 2025 EVENTS

Human-Centred AI Driven By Statistics

WORKSHOPS

August 26, 2025 | Tuesday

Venue: Irama 5, The Everly Putrajaya

WORKSHOP I	
09:00 AM - 12:00 PM	Assoc. Prof. Dr. Khang Tsui Feng Head of Universiti Malaya Centre for Data Analytics "Practical Predictive Modelling"
	Abstract: In traditional statistics education, one routinely learns the building of explanatory models that help us understand how variations in dependent variables influence a response. On the other hand, industry wants predictive models that can anticipate outcomes and inform strategy. Students often find it challenging to navigate between these two modes of thinking in modelling. In this workshop, we will address this gap by learning how to design and test effective predictive models for regression and classification using R. Towards the end, participants will apply these skills to a real-world dataset, competing to craft a predictive model that achieves the best performance.
WORKSHOP II	
2:00 PM - 5:00 PM	Prof. Dr. Scott Sisson Director of University of New South Wales Data Science Hub "Approximate Bayesian Computation"
	Abstract: This workshop introduces Approximate Bayesian Computation (ABC), a method for statistical inference in complex models where likelihoods are hard to compute. It covers the basic principles of ABC and key algorithms for approximating posterior distributions. Participants will run their own analyses, starting with toy examples to understand the core concepts, then progressing to real-world data. Guided support will help participants apply ABC to both simple and more complex data scenarios, gaining practical experience with the method.



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CONFERENCE

August 27-28, 2025 | Wednesday - Thursday

Venue: The Everly Putrajaya

Day 1 : Wednesday (27 August 2025)					
7:30 AM	Registration				
09:00 AM	Opening Ceremony ISM-VII 2025 Venue: Mesmera Ballroom				
09:30 AM	Keynote I Prof. Dr. Scott Anthony Sisson Venue: Mesmera Ballroom				
10:15 AM	Tea Break				
10:30 AM	Plenary Session I				
	Prof. Dr Habshah Midi "A Hybrid Weighted LAD-Lasso and Nu-Support Vector Regression Approach for Outlier-Resistant Variable Selection in High-Dimensional Data" Venue: Mesmera Ballroom	Assoc. Prof. Dr. Zamira Hasanah Zamzuri "Inflating the Non-zero Counts in Traffic Accident Distributions: Mechanism and Potential" Venue: Irama 5	Assoc. Prof. Dr. Khang Tsung Fei "Reimagining Statistics Education, Research and Practice in the Age of AI" Venue: Irama 6		
11:00 AM	Parallel Session I				
	Mesmera Ballroom	Irama 5	Irama 6	Irama 7	Irama 8
12:45 PM	Lunch Break				
02:00 PM	Parallel Session II				
	Mesmera Ballroom	Irama 5	Irama 6	Irama 7	Irama 8
5:00 PM	Tea Break End of Day 1				



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Day 2 : Thursday (28 August 2025)					
09:00 AM	Keynote II Datin Ts. Habsah Nordin "The Dynamic Duo: Statistical Reasoning in Autonomous Agent Workflows" Venue: Mesmera Ballroom				
09:45 AM	Tea Break				
10:00 AM	Plenary Session II				
	Mr. Kau Kong Hoi "GenAI Applications In Insurance" Venue: Mesmera Ballroom	Dr. Ho Chiung Ching "Statistician in the Loop – Reimagining the Statistician for the Age of AI" Venue: Irama 5	Dr. Muhd Zulfadli "From Spiky Data to Robust Inference: Trusted Research Environment for Healthcare Statistics & AI" Venue: Irama 6		
10:30 AM	Parallel Session III				
	Mesmera Ballroom	Irama 5	Irama 6	Irama 7	
12:00 PM	Closing Ceremony Venue: Mesmera Ballroom				
01:00 PM	Lunch End of Conference				