
ATUR CARA

ATUR CARA 7 MAC 2024 (KHAMIS)		
Masa	Program	Tempat
08:00 - 08:30	Pendaftaran dan Ketibaan Tetamu Jemputan	Foyer @ INSPEM
08:30 - 09:30	Sesi Selari 1A Sesi Selari 1B Sesi Selari 1C	Bilik Seminar Bilik Serbaguna Bilik Mesyuarat
09:40 - 09:55	Perasmian SKISMXVIII Nyanyian Negaraku dan Putra Gemilang Bacaan Doa Ucapan Presiden ISMy, Prof. Dr. Habshah Midi Ucapan Perasmian oleh Prof. Dr. Ir Aduwati Sali Pengarah Institut Penyelidikan Matematik, UPM	Bilik Seminar Al-Farabi
09:55 - 10:00	Sesi Bergambar	Bilik Seminar Al-Farabi
10:00 - 10:20	Kudapan Pagi	Foyer @ INSPEM
10:20 - 11:00	Ucaptive I Penceramah : En Mohd Hafeez Nazri <i>General Manager Network Analytics, Telekom Malaysia Berhad</i> DATA SCIENCE IN THE INDUSTRY: APPLICATION & CHALLENGES Pengerusi: Prof. Madya Dr. Jayanthi Arasan	Bilik Seminar Al-Farabi
11:00 - 11:40	Sesi Selari 2A Sesi Selari 2B Sesi Selari 2C	Bilik Seminar Bilik Serbaguna Bilik Mesyuarat
11:40 - 13:00	Mesyuarat Agung ISMY 2024	Bilik Mesyuarat Radin Umar
13:00 - 14:20	Makan Tengah Hari dan Rehat	Foyer @ INSPEM
14:20 - 15:00	Ucaptive II Penceramah : Prof. Dr. Habshah Midi, UPM <i>Remedial Measures for Some Common Misconception of Statistical, Techniques in Data Analysis</i> REMEDIAL MEASURES FOR SOME COMMON MISCONCEPTION OF STATISTICAL TECHNIQUES IN DATA ANALYSIS Pengerusi: Prof. Dr. Ibrahim Mohamad, UM	Bilik Seminar Al-Farabi
15:00 - 15:40	Sesi Selari 3A Sesi Selari 3B Sesi Selari 3C	Bilik Seminar Bilik Serbaguna Bilik Mesyuarat
15:40 - 17:00	Anugerah ISMy dan Penamaan Ahli Kehormat	Bilik Seminar Al-Farabi
17:00	Minum Petang dan Bersurai	Foyer @ INSPEM

JADUAL PEMBENTANGAN SESI SELARI

PARALLEL SESSION 1 7 Mac 2024 08:30-09:30			
Time	Parallel Session 1A Bilik Seminar Chairperson : <i>Dr. Shazlyn Milleana Shahrudin</i>	Parallel Session 1B Bilik Serbaguna Chairperson : <i>Dr. Mohammad Aizat Basir</i>	Parallel Session 1C Bilik Mesyuarat Chairperson : <i>Dr. Ummu Atiqah Mohd Roslan</i>
08:30 to 08:45	BACKWARD ELIMINATION TECHNIQUE IN MULTIVARIATE TIME SERIES MODELLING OF CO2 EMISSIONS IN MALAYSIA <u>Mahayaudin M. Mansor</u> Muhammad Ehsan M. Sukury Nur Alya Adlina M. Nasir Ath Thabrani M. Fauzi Norshahida Shaadan Shariffah Suhaila Syed Jamaludin	OPTIMIZING IMAGE FEATURE SELECTION METHOD THROUGH THE INTEGRATION OF BIO-INSPIRED ALGORITHMS WITH META-HEURISTIC SEARCH FOR COVID-19 CLASSIFICATION PROBLEM <u>Mohammad Aizat Basir</u> Mohamed Saifullah Hussin Mohd Helmy Abd Wahab	BEYOND STATISTICS: USING MATHEMATICAL MODELS TO ASSESS THE IMPACT OF COVID-19 ON EMPLOYMENT, POVERTY, AND INCOME GROUPS IN MALAYSIA Ummu Atiqah Mohd Roslan
08:45 to 08:55	HYBRID ARIMA AND LS-SVM FOR BETTER SEA SURFACE TEMPERATURE (SST) FORECASTS FOR THE EAST COAST OF PENINSULA MALAYSIA <u>Muhamad Safih Lola</u> Siti Hajar Yusof Wan Imanul Aisyah Wan Mohamad Naww Mohd Tajuddin Abdullah	ANALYZING TRENDS AND KEY TERMS IN CONSTRUCTION MATERIALS PATENT DOCUMENTS THROUGH DATA PRE-PROCESSING AND TEXT MINING TECHNIQUES <u>Syarifah Zyurina Nordin</u> Hafizah Farhah Saipan Saipol Aizul Nahar Harun Amir Syafiq Syamin Shah Amir Hamzah	USING A PANEL DATA MODEL TO INVESTIGATE THE RELATIONSHIP BETWEEN STOCK MARKET AND MACROECONOMIC VARIABLES IN THE PRESENCE OF STRUCTURAL BREAKS: ASEAN-5 COUNTRIES <u>Diana Hassan</u> Assis Kamu Ricky Chia Chee Jiun Ho Chong Mun
08:55 to 09:05	ENHANCING ASSET SECURITY IN MALAYSIA: A MULTIVARIATE REGRESSION AND TIME SERIES ANALYSIS APPROACH <u>Nurul Azian Mohd Basharudin</u> Sahimel Azwal Sulaiman Hafiz Asyraf Ghani Mohammad Zaharudin Ahmad Darius	A COMPARATIVE MACHINE LEARNING BY USING K-FOLD VALIDATION OF ACUTE KIDNEY INJURY WITH LIMITED LEARNING DATA <u>Mohd Noor Azam Nafi</u> Baitul Husna Salihin Siti Nurhafizah Mohd Shafie Nasuhar Ab. Aziz Mardhiah Kamarudin Azzah Amran	INTEGRATING AMOS AND SMARTPLS 4 IN CB-SEM: A COMPARATIVE STUDY ON HIGHER ORDER CONSTRUCT MODELING <u>Nurul Raudhah Zulkifli</u> (pelajar) Shahazwan Mat Yusoff
09:05 to 09:15	FORECASTING LOCATIONS OF FOREST FIRES IN INDONESIA THROUGH NONPARAMETRIC PREDICTIVE INFERENCE WITH PARAMETRIC COPULA: A CASE STUDY <u>Noryanti Muhammad</u> Amirah Hazwani Roslin Evizal Abdul Kadir Warid Maharani Hanita Daud	BIBLIOMETRIC ANALYSIS ON PREDICTIVE ANALYTICS FOR FRESH AGRO-FOOD PRICE USING MACHINE LEARNING Sahimel Azwal Sulaiman Nor Azuana Ramli	LOGISTIC REGRESSION MODELLING FOR CONSUMER INTENTION TO PURCHASE PLANT FACTORY PRODUCTS <u>Aimi Athirah Ahmad</u> Nik Rahimah Nik Omar Nadiyah Sa'at Nur Hidayah Md Noh Nurul Syahida Abu Bakar
09:15 to 09:25	COMPARATIVE ANALYSIS OF RECURRENT AND VECTOR FORECASTING IN SOLAR RADIANCE PREDICTION: A SINGULAR SPECTRUM APPROACH <u>Shazlyn Milleana Shahrudin</u> Nur Amirah Shafie Mou Leong Tan	ENSEMBLE IMAGE FEATURE SELECTION METHOD BASED ON BIO-INSPIRED ALGORITHMS FOR COVID-19 CLASSIFICATION PROBLEM <u>Mohammad Aizat Basir</u> Mohamed Saifullah Hussin Mohd Helmy Abd Wahab	PATENT TREND ANALYSIS IN ADVANCED CONSTRUCTION MATERIALS FOR CARBON EMISSION REDUCTION: A TOPIC MODELING APPROACH <u>Hafizah Farhah Saipan Saipol</u> Syarifah Zyurina Nordin Aizul Nahar Harun Amir Syafiq Syamin Shah Amir Hamzah

PARALLEL SESSION 2 7 Mac 2024 11:00-11:40			
Time	Parallel Session 1A Bilik Seminar Chairperson : <i>Dr. Norshahidan Shaadan</i>	Parallel Session 1B Bilik Serbaguna Chairperson : <i>Dr. Mohd Shafie Mustafa</i>	Parallel Session 1C Bilik Mesyuarat Chairperson : <i>Dr. Syaiba Balqish Ariffin</i>
11:00 to 11:13	A COMPARISON OF VARIOUS CONTROL CHARTS FOR DETECTING AND MONITORING ABNORMAL RIVER WATER LEVEL <u>Siti Nur Atiqah Mohd Shafie</u> Norshahidan Shaadan	IMPROVEMENT OF INITIAL SOLUTIONS FOR METAHEURISTICS USING SIMULATED ANNEALING <u>Mohamed Saifullah Hussin</u> Mohammad Aizat Basir	LOGISTIC INFLUENTIAL OUTLIER NOMINATOR <u>Syaiba Balqish Ariffin</u> Habshah Midi
11:13 to 11:33	CLIMATE CHANGE DETECTION AND INVESTIGATION TOWARDS GREEN ENVIRONMENT SUSTAINABILITY IN IPOH, KUALA KRAI , MERSING AND TERMERLOH PENINSULAR MALAYSIA <u>Norshahida Shaadan</u> Noor Kesuma Mohd Yazid Firdaus Mohammad Hamzah Mahayaudin M. Mansor Nurain Ibrahim	A COMPARISON OF IMPUTATION METHOD FOR A BATHTUB HAZARD MODEL WITH RIGHT AND INTERVAL-CENSORED DATA <u>Idari Ismail</u> (Pelajar) Jayanthi Arasan Mohd Shafie Mustafa Muhammad Aslam Mohd Safari	A DIAGNOSTIC METHOD OF HIGH LEVERAGE POINTS BASED ON IMPROVED ROBUST PRINCIPAL COMPONENT ANALYSIS BASED ON MINIMUM REGULARIZED COVARIANCE DETERMINANT IN HIGH DIMENSIONAL DATA <u>Jaaz Suhaiza Jaafar</u> Habshah Midi
11:33 to 11:40	STATISTICAL EXTREME VALUE MODELLING OF ENVIRONMENTAL DATA <u>Syafrina Abdul Halim</u> Nina Allyza Kepol Xue Haoying	ALTERNATIVE MODEL ADEQUANCY AND DIAGNOSTICS FOR PARALLEL EXPONENTIAL REGRESSION MODEL WITH CENSORED DATA <u>Jayanthi Arasan</u> Anwar Fitrianto	COMPARATIVE STUDY OF CLUSTERING LINKAGE METHODS USING ROBUST DISTANCE AS SIMILARITY MEASURE IN DETECTING MULTIVARIATE OUTLIERS <u>Syarifah Sakinah Syed Abd Mutalib</u> Siti Zanariah Satari Wan Nur Syahidah Wan Yusoff

PARALLEL SESSION 3 7 Mac 2024 15:00-15:40			
Time	Parallel Session 1A Bilik Seminar Chairperson : <i>Dr. Muhamad Safiih Lola</i>	Parallel Session 1B Bilik Serbaguna Chairperson : <i>Dr. Nor Azuana Ramli</i>	Parallel Session 1C Bilik Mesyuarat Chairperson : <i>Dr. Noryanti Muhammad</i>
15:00 to 15:12	<p>ENHANCING BEV CHARGING PREDICTION USING LSTM NETWORKS ON FEATURE-ENGINEERED 1-MINUTE RESOLUTION START-STOP CHARGING DATA</p> <p><u>Roslinazairimah Zakaria</u> Syahrizal Salleh, Siti Roslindar Yaziz</p>	<p>EXPLORING THE PATTERN OF HOUSEHOLD MONTHLY INCOME & EXPENDITURES BY STATE IN MALAYSIA: STATISTICAL APPROACH.</p> <p><u>Syerrina Zakaria</u> Nor Fatimah Che Sulaiman Siti Madhihah Abdul Malik</p>	<p>STATISTICAL ANALYSIS ON CYBER ATTACK EVENTS THAT RELATED TO MALAYSIA</p> <p>Hafiz Asyraaf Ghani</p>
15:12 to 15:24	<p>CONSUMER ADOPTION AND PERCEPTIONS OF ELECTRIC VEHICLES IN MALAYSIA USING SENTIMENT ANALYTICS</p> <p><u>Nur Haizum Abd Rahman</u> Nor Farawahida Abdullah</p>	<p>DATA LAKEHOUSE ARCHITECTURE FOR SELF-SERVICE DATA ANALYTICS</p> <p><u>Nor Azuana Ramli</u> Soon Kien Yuan Mohd Zaid Waqiyuddin Mohd Zulkifli</p>	<p>DEVELOPING A NEW FEATURE FOR VULNERABILITY RISK SCORING MODEL FOR ENHANCED CYBERSECURITY</p> <p><u>Lim Joey</u> Noryanti Muhammad</p>
15:24 to 15:36	<p>A SIMULATION BASED OPTIMIZATION APPROACH IN DETERMINE LOYALTY REWARDS POINT VALUE FOR LOYALTY PROGRAM</p> <p><u>Wan Nuraini Fahana Wan Nasir</u> Muhamad Safiih Lola</p>	<p>FACTOR ANALYSIS OF INTERNET USE – A CASE STUDY AMONG UNIVERSITI MALAYSIA TERENGGANU STUDENTS</p> <p><u>Siti Madhihah Abd Malik</u> Muhamad Safiih Lola</p>	<p>SCALABILITY AND PERFORMANCE IN DUPLICATE DETECTION: RELATIONAL VS. GRAPH DATABASE</p> <p><u>Noryanti Muhammad</u> Muhammad Farhad Khaharruddin Mohd Izhar Firdaus</p>