Conference Programme

International Conference on Mathematical Sciences and Statistics
(ICMSS2018)
6th – 8th February 2018

5th February 2018 (Monday)

17:30 – 22:00	Early Registration

6th February 2018 (Tuesday) – Day 1

Time		Venue
08:00 – 09:00	Registration	
09:00 – 10:15	Parallel Session 1A	Millennium 1
	Parallel Session 1B	Millennium 3
	Parallel Session 1C	Gallery 2
	Parallel Session 1D	Gallery 3
	Parallel Session 1E	Gallery 4
10:15 – 10:30	Refreshments	
10:30 – 11:30	**Keynote Address: Prof. Dr. Ravi P. Agarwal** *Proofs Can Never be Exact*	Millennium 1
11:40 – 13:00	Opening Ceremony & Photography Session	Millennium 1
13:00 – 14:30	Lunch	Latest Recipe
14:30 – 15:10	**Plenary Session 1: Assoc. Prof. Dr. Shalini Chandra** *Class of Biased Estimators in Linear Regression Model*	Millennium 1

15:10 – 17:25	Parallel Session 2A	Millennium 1
	Parallel Session 2B	Millennium 3
	Parallel Session 2C	Gallery 2
	Parallel Session 2D	Gallery 3
	Parallel Session 2E	Gallery 4
17:10 – 17:30	Refreshments	

7th February 2018 (Wednesday) – Day 2

Time		Venue
08:30 – 09:45	Parallel Session 3A	Millennium 1
	Parallel Session 3B	Millennium 3
	Parallel Session 3C	Gallery 2
	Parallel Session 3D	Gallery 3
	Parallel Session 3E	Gallery 4
09:45 – 10:00	Refreshments	
10:00 – 10:45	**Plenary Session 2: Prof. Dr. Aida Suraya Md Yunus**	Millennium 1
	Direction of Mathematics Education in Malaysian Schools: Reflecting on Past and Present Practices	
10:45 – 12:00	Parallel Session 4A	Millennium 1
	Parallel Session 4B	Millennium 3
	Parallel Session 4C	Gallery 2
	Parallel Session 4D	Gallery 3
	Parallel Session 4E	Gallery 4
12:00 – 14:00	Lunch	Latest Recipe
14:00 – 22:00	Social Visit & Dinner at Kuala Lumpur	

8th February 2018 (Thursday) – Day 3

Time		Venue
08:30 – 10:15	Parallel Session 5A	Millennium 1
	Parallel Session 5B	Millennium 3
	Parallel Session 5C	Gallery 2
	Parallel Session 5D	Gallery 3
	Parallel Session 5E	Gallery 4
10:15 – 10:30	Refreshments	
10:30 – 11:10	**Plenary Session 3: Prof. Dr. Agus Suryanto**	Millennium 1
	Fractional-Order Model for Prey-Predator Interaction with Prey Refuge and Additional Food	
11:10 – 12:40	Parallel Session 6A	Millennium 1
	Parallel Session 6B	Millennium 3
	Parallel Session 6C	Gallery 2
	Parallel Session 6D	Gallery 3
	Parallel Session 6E	Gallery 4
12:40 – 14:30	Lunch	Latest Recipe
14:30 – 15:10	**Plenary Session 4: Prof. Dr. Abdulla Azamov**	Millennium 1
	Search and Game Problems on Geometric Graphs	
15:10 – 16:10	Parallel Session 7A	Millennium 1
	Parallel Session 7B	Millennium 3
	Parallel Session 7C	Gallery 2
16:10 – 16:40	Closing Remark	Millennium 1
16:40 – 17:00	Refreshments	

Conference Programme – Main Events

	OPENING CEREMONY 6th February 2018

11:40	Arrival of VIP and Guests
12:00	Doa Recital
12:10	Welcoming Address by Assoc. Prof. Dr. Siti Hasana Sapar *Conference Chairman of ICMSS2018*
12:30	Officiating Speech by Prof. Datin Paduka Dr. Aini Ideris *Vice Chancellor, Universiti Putra Malaysia*
12:40	Photography Session

	CLOSING REMARK 8th February 2018

16:10	Arrival of VIP and Guests
16:20	Closing Speech by Prof. Dr. Mohd Basyaruddin Abdul Rahman *Dean of Faculty of Science, Universiti Putra Malaysia*
16:40	Refreshments

6th February 2018 (Tuesday) – Day 1

8:00 – 9:00: Registration

09:00 – 10:15 : Parallel Sessions 1

TIME	SESSION 1A *Venue: Millennium 1* *Chairperson: Assoc. Prof. Dr. Gafurjan Ibragimov*	SESSION 1B *Venue: Millennium 3* *Chairperson: Dr. Chen Chuei Yee*	SESSION 1C *Venue: Gallery 2* *Chairperson: Dr. Nadihah Wahi*	SESSION 1D *Venue: Gallery 3* *Chairperson: Assoc. Prof. Dr. Zarina Bibi Ibrahim*	SESSION 1E *Venue: Gallery 4* *Chairperson: Dr. Lim Fong Peng*
09:00 - 09:15	**Prof. Dr. Salim A. Messaoudi** *Decay for Solutions of a Nonlinear Damped Wave Equation with Variable-Exponent Nonlinearities*	OT-2588 **Sameeha Rehmani** *Forcing Geodesic Number of a Fuzzy Graph*	AA-2947 **Ibrahim Venkat** *Parikh Matrices of Arrays under Dejean Array Morphism*	ME-8620 **Luki Luqmanul Hakim** *Mathematical Mindsets: The Abstraction in Mathematical Problem Solving*	ME-5525 **Sendi Ramdhani** *The Analogical Reasoning Analysis of Pesantren Students in Geometry*
09:15 - 09:30		OT-6000 **Khalifa Al Shaqsi** *Classes of Harmonic Univalent Functions Convex in One Direction*	AA-6949 **K.G. Subramanian** *Algebraic Properties of Parikh Matrices of Words under an Extension of Thue Morphism*	ME-2431 **Eva Dwi Minarti** *Student Conceptions and Problem-Solving of Geometric Distances in Solid Figure*	ME-3167 **Ratu Mauladaniyati** *GeoEnzo Utilization as Mathematics Learning Media with Contextual Approach to Increase Understanding Geometry*
09:30 - 09:45	**Assoc. Prof. Dr. Zainiddin Eshkuvatov** *Modified HPM for General Linear Fractional Integro-Differential Equations of Fredholm-Volterra Type*	AA-7329 **Khaleed Alhazaymeh** *Some New Operations of Interval Cut Set on Interval Valued Vague Soft Sets*	AA-9248 **K.G. Subramanian** *Picture Arrays and Parikh q-Matrices*	ME-8374 **Fiki Alghadari** *The Obstacles of Geometri Problem-Solving on Solid with Vector and Triangle Approach*	ME-3710 **Reni Astuti** *Analysis on Geometry Skill of Junior High School Students on the Concept of Congruence Based on Van Hiele Level of Geometry Thinking*

TIME	**SESSION 1A** *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr.* *Gafurjan Ibragimov*	**SESSION 1B** *Venue:* *Millennium 3* *Chairperson:* *Dr. Chen Chuei Yee*	**SESSION 1C** *Venue:* *Gallery 2* *Chairperson:* *Dr. Nadihah Wahi*	**SESSION 1D** *Venue:* *Gallery 3* *Chairperson:* *Assoc. Prof. Dr. Zarina* *Bibi Ibrahim*	**SESSION 1E** *Venue:* *Gallery 4* *Chairperson:* *Dr. Lim Fong Peng*
09:45 - 10:00	**Assoc. Prof. Dr. Zainiddin Eshkuvatov** *Modified HPM for General Linear Fractional Integro-Differential Equations of Fredholm-Volterra Type*	MC-1984 **Anas Altawallbeh** *Thermal Non-Equilibrium Double Diffusive Convection in a Maxwell Fluid with Internal Heat Source*	AN-5898 **Ghajendran Poovanandran** *Parikh Matrices and M-Ambiguity Sequence*	ME-2241 **Laelasari** *Analysis of Junior High School Student Ability in Solving the Story Problem*	ME-9479 **Iyan Rosita Dewi Nur** *The Correlation Between Working Memory and Students' Mathematical Difficulties*
10:00 - 10:15	DE-7790 **Auni Aslah Mat Daud** *Some Mistakes in Modeling Population Dynamics of Non-Communicable Diseases*	MC-8203 **Sanasam Surendra Singh** *Anisotropic Cosmological Models with Decaying Vacuum Energy Density*	OT-4673 **Zi Jing Chern** *Extension of Parikh Matrices to Terms and Its Injectivity Problem*	ME-4314 **Nur Raidah Salim** *Experiential Statistics Learning with RStudio: Study on Students' Engagement*	ME-4777 **Kathiresan Gopal** *Influence of Self-Efficacy and Attitudes Towards Statistics on Undergraduate Students' Statistics Engagement in a Malaysian Public University*

10:15 – 10:30 : Refreshments

TIME	*Venue: Millennium 1* *Chairperson: Prof. Dr. Adem Kilicman*
10:30 - 11:30	**KEYNOTE ADDRESS** **Prof. Dr. Ravi P. Agarwal** *Proofs Can Never be Exact*

11:40 – 13:00: Opening Ceremony & Photography Session

13:00 – 14:30: Lunch

TIME	Venue: Millennium 1 Chairperson: Prof. Dr. Habshah Midi
14:30 - 15:10	**PLENARY SESSION 1** **Assoc. Prof. Dr. Shalini Chandra** *Class of Biased Estimators in Linear Regression Model*

15:10 – 17:25 : Parallel Sessions 2

TIME	SESSION 2A *Venue:* *Millennium 1* *Chairperson:* *Dr. Mohd Shafie* *Mustafa*	SESSION 2B *Venue:* *Millennium 3* *Chairperson:* *Dr. Siti Nur Iqmal* *Ibrahim*	SESSION 2C *Venue:* *Gallery 2* *Chairperson:* *Assoc. Prof. Dr.* *Norfifah Bachok*	SESSION 2D *Venue:* *Gallery 3* *Chairperson:* *Dr. Mai Zurwatul* *Ahlam Mohd Jaffar*	SESSION 2E *Venue:* *Gallery 4* *Chairperson:* *Mrs. Nazihah Mohd Ali*
15:10 - 15:25	**Prof. Dr. Habshah Midi** *Fast GM Estimator to Reduce the Effect of Bad Leverage Points*	ST-6505 **Sook Theng Pang** *Performance of Finite Order Stochastic Process Generated Universal Portfolios*	MC-1030 **Najwa Najib** *Stability Analysis of Stagnation Point Flow in Nanofluid over Stretching/Shrinking Sheet with Slip Effects using Buongiorno's Model*	ME-1043 **Sonya Fanny Tauran** *The Enhancement of High School Students' Mathematical Reasoning through Team-Assisted Individualization*	ME-5277 **Tina Sri Sumartini** *Identify Student Mathematical Understanding Ability through Direct Learning Model*

Time	SESSION 2A Venue: Millennium 1 Chairperson: Dr. Mohd Shafie Mustafa	SESSION 2B Venue: Millennium 3 Chairperson: Dr. Siti Nur Iqmal Ibrahim	SESSION 2C Venue: Gallery 2 Chairperson: Assoc. Prof. Dr. Norfifah Bachok	SESSION 2D Venue: Gallery 3 Chairperson: Dr. Mai Zurwatul Ahlam Mohd Jaffar	SESSION 2E Venue: Gallery 4 Chairperson: Mrs. Nazihah Mohd Ali
15:25 - 15:40	**Prof. Dr. Habshah Midi** *Fast GM Estimator to Reduce the Effect of Bad Leverage Points*	ST-9046 **Phiraphat Sutthimat** *Explicit Formula for Conditional Expectations of Product of Polynomial and Exponential Function of Affine Transform of Extended Cox-Ingersoll-Ross Process*	MC-1183 **Mahani Ahmad Kardri** *Heat Transfer and Axisymmetric Stagnation Point Flow due to a Shrinking Vertical Plate in a Nanofluid with Slip Effects*	ME-4519 **Dahlia Fisher** *Developing the Character of Math Students Prospective Teacher through Blended Learning Method*	ME-8526 **Elsa Komala** *Analysis of Internal and External Mathematical Representation Ability to Senior High School Students in Indonesia*
15:40 - 15:55	**Dr. Md. Sohel Rana** *On Eigenfunction Based Outlier Detection Method in High-Dimensional Datasets*	ST-5012 **Yap Jia Lee** *The Bregman-Divergence Universal Portfolio Generated by a Convex Polynomial*	MC-1727 **Ahmad Danial Lokman** *Boundary Layer Flow and Heat Transfer of Carbon Nanotubes over a Stretching Sheet with Homogeneous-Heterogeneous Reactions Effects*	ME-4745 **Masta Hutajulu** *The Use of Metacognitive Learning to Enhance Students' Mathematical Analysis*	ME-1411 **Toto Subroto** *Epistemological Obstacles in Mathematical Abstraction on Abstract Algebra*

TIME	SESSION 2A Venue: Millennium 1 Chairperson: Dr. Mohd Shafie Mustafa	SESSION 2B Venue: Millennium 3 Chairperson: Dr. Siti Nur Iqmal Ibrahim	SESSION 2C Venue: Gallery 2 Chairperson: Assoc. Prof. Dr. Norfifah Bachok	SESSION 2D Venue: Gallery 3 Chairperson: Dr. Mai Zurwatul Ahlam Mohd Jaffar	SESSION 2E Venue: Gallery 4 Chairperson: Mrs. Nazihah Mohd Ali
15:55 - 16:10	**Dr. Md. Sohel Rana** *On Eigenfunction Based Outlier Detection Method in High-Dimensional Datasets*	ST-1188 **Niri Martha Choji** *Purchasing Power Parity for the MAVINS*	MC-2685 **Nor Ashikin Abu Bakar** *Soret and Dufour Effects on Boundary Layer Flow and Heat Transfer in Nanofluid over a Stretching Cylinder*	ME-7819 **Anik Yuliani** *Analysis of Mathematical Modeling Ability in Straight Line Equation Topic of Junior High School Students*	ME-3130 **Candra Ditasona** *Integrating Culture into Mathematics Education in Indonesia*
16:10 - 16:25	**Dr. Ehab A. Mahmood** *Robust Parameter Estimation Method of the Simple Circular Regression Model when the Response Variable is Contaminated*	ST-5264 **Sanusi Alhaji Jibrin** *A Fractional Difference Return for Stylized Fact Studies*	MC-4304 **Muhammad Khairul Anuar Mohamed** *Mixed Convection Boundary Layer Flow on a Vertical Moving Plate in a Nanofluid with Viscous Dissipation*	ME-9831 **Sumarni** *The Students' Mathematical Concept Understanding Ability by Cooperative Learning Type Jiggsaw Assisted Visual Media*	ME-9020 **Jaya Dwi Putra** *Mathematical Abstraction Ability of Students Prospective Math Teacher*
16:25 - 16:40		ST-5635 **Yusrina Andu** *Generalized Dynamic Principal Component for Monthly Nonstationary Stock Market Price in Technology Sector*	MC-6139 **Nor Fadhilah Dzulkifli** *Dual Solutions on Unsteady Stagnation-Point Flow and Heat Transfer over an Exponential Stretching Sheet in Nanofluid with Slip Velocity Effect*	ME-9850 **Vara Nina Yulian** *Analyzing Categories of Mathematical Proficiency based on Kilpatrick Opinion: A Case Study in Junior High School*	ME-3006 **Iyam Maryati** *Analysis of Learning Difficulties in Statistical Materials in Terms of Statistical Reasoning and Communication Ability on Students of Madrasah Tsanawiyah*

TIME	SESSION 2A Venue: Millennium 1 Chairperson: Dr. Mohd Shafie Mustafa	SESSION 2B Venue: Millennium 3 Chairperson: Dr. Siti Nur Iqmal Ibrahim	SESSION 2C Venue: Gallery 2 Chairperson: Assoc. Prof. Dr. Norfifah Bachok	SESSION 2D Venue: Gallery 3 Chairperson: Dr. Mai Zurwatul Ahlam Mohd Jaffar	SESSION 2E Venue: Gallery 4 Chairperson: Mrs. Nazihah Mohd Ali
16:40 - 16:55	**Dr. Arezoo Bagheri** *Respondent Driven Sampling Population Proportion Estimators*	ST-1871 **Joy Melchisedec Mangindaan** *Analysis of International Visitor Arrivals in Bali: Modeling and Forecasting with Seasonality and Intervention*	MC-9414 **Siti Nur Alwani Salleh** *Stability Analysis of a Rotating Flow Toward a Shrinking Permeable Surface in Nanofluid*	ME-3952 **Nelly Fitriani** *Analyzing Mathematical Abstraction on the Concept of Curved Face Three Dimentional Object of Junior High School Students*	ME-2076 **La Ode Amril** *Disorder in Solving Mathematical Problems*
16:55 - 17:10		ST-7317 **Mahsa Saadati** *Modeling Recurrent Events by Frailty*	MC-8775 **Nurul Hafizah Zainal Abidin** *Onset of Benard-Marangoni Instabilities in a Double Diffusive Binary Fluid Layer with Temperature Dependent Viscosity*	ME-4213 **Fatimah Abdul Razak** *Effects of Gender and School Type on Attitudes Towards Mathematics*	ME-4754 **Aliaa Abed Al-Jawwad Burqan** *Comparisons of Heinz Operators Means with Different Parameter*
17:10 – 17:25	DE-9005 **Dwi Lestari** *An Epidemic Model of Tuberculosis with Vaccine Control In Yogyakarta Region Indonesia*	PP-4448 **Mohamed Boukhari** *On the Problems of Estimation in the Models Statistics of Survival Data and Their Applications in life Insurance*	MC-2100 **Rıza Erdem** *Riemannian Geometry of Ising Model in the Bethe Approximation*	ME-8412 **Mujo Mesanovic** *Learning Management Systems and Students' Performance*	***TBA**

*TBA *– to be announced*

17:25 – 17:40: Refreshments

7th February 2018 (Wednesday) – Day 2

08:30 – 10:15 : Parallel Sessions 3

TIME	SESSION 3A Venue: Millennium 1 Chairperson: Assoc. Prof. Dr. Mohamad Rushdan Md Said	SESSION 3B Venue: Millennium 3 Chairperson: Dr. Mohamat Aidil Mohamat Johari	SESSION 3C Venue: Gallery 2 Chairperson: Mrs. Aniza Abd Ghani	SESSION 3D Venue: Gallery 3 Chairperson: Dr. Siti Mahani Marjugi	SESSION 3E Venue: Gallery 4 Chairperson: Dr. Syafrina Abdul Halim
08:30 - 08:45	**Dr. Lawan Bulama Mohamed** *Variational Inequality Problems for Total Quasi-Asymptotically Nonexpansive Mapping in Hilbert Spaces*	OT-6570 **Mohamat Aidil bin Mohamat Johari** *Relation between Sums of Squares and Centred Pentagonal Numbers Induced by Partition of 8*	DE-9121 **Tritos Ngampitipan** *The Various Techniques for Generating Perfect Fluid Sphere*	PP-8107 **Abdul Hakim Ghazali** *Interval Single Step with m Function and its Extensions for Finding Real Zeros of Polynomial Simultaneously*	ST-1086 **Khuneswari Gopal Pillay** *Model-Building on Survivability of Upper Gas Upper Gastrointestinal Bleed Patient's*
08:45 - 09:00		AA-1778 **Hozjee Anton** *The Parameterization of Nice and Q-nice Polynomials with Four Roots*	DE-1304 **Fatihah Anas Muhiddin** *EGSOR Iterative Method for the Fourth-Order Solution of One-Dimensional Convection Diffusion Equations*	OR-5047 **Muhammad Izwan Ishak** *A New Modified Conjugate Gradient Method under the Strong Wolfe Line Search*	ST-7235 **Amira Rachah** *Multiphase Modeling of Intramammary Infections Caused by Corynebacteriumspecies*

TIME	SESSION 3A *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr.* *Mohamad Rushdan Md* *Said*	SESSION 3B *Venue:* *Millennium 3* *Chairperson:* *Dr. Mohamat Aidil* *Mohamat Johari*	SESSION 3C *Venue:* *Gallery 2* *Chairperson:* *Mrs. Aniza Abd Ghani*	SESSION 3D *Venue:* *Gallery 3* *Chairperson:* *Dr. Siti Mahani Marjugi*	SESSION 3E *Venue:* *Gallery 4* *Chairperson:* *Dr. Syafrina Abdul* *Halim*
09:00 - 09:15	**Dr. Izhar Uddin** *A New Iteration Method and Its Application in Hadamard Spaces*	AA-7596 **Halimatun Saadiah Bakar** *On the Diophantine Equation* $5^x + p^m n^y = z^2$	DE-6052 **Anwar Ja'afar Mohamad Jawad** *Soliton Solutions for the Evolution Equation in Mathematical Physics (Generalized Schamel Korteweg-De Vries Equation)*	OR-6225 **Ummie Khalthum Mohd Yusof** *Hybrid BFGS-DFP Method with New Coefficient for Solving Unconstrained Optimization Problem*	ST-5459 **Muhammad Naeim Mohd Aris** *Prediction of Hydrocarbon Location for Seabed Logging Technique using Gaussian Process*
09:15 - 09:30		AA-6649 **Renz Jimwel Mina** *Non-existence of Solutions to Diophantine Equations of the Form* $p^x + q^y = z^{2n}$	DE-1540 **Feras Shatat** *Soliton Solutions for Fisher Equation by using Simplified Hirota's Method*	OR-6025 **Siti Farhana Husin** *New Search Direction of Steepest Descent Method for Small Scale Unconstrained Optimization Problem*	ST-8401 **Anis Syakira Jailani** *Perceived Acceptability Towards Self-sampling for Human Papillomavirus (HPV) using Rasch Measurement Model: Study Revisited*
09:30 - 09:45	AN-9754 **Mohd. Sarfaraz** *Approximation Solvability of an Implicit System of Generalized Nonlinear Ordered Variational Inclusions in Ordered Hilbert Spaces*	AA-7396 **Raymond Calvin Ochieng** *A Note on Generation of Pythagorean Triples*	DE-6540 **Ibrahim Hassan** *Solution for the Mathematical Model for the Control of Lassa Fever using the Revised Adomian Decomposition Method*	OR-6309 **Khadizah Ghazali** *Newton Method with Explicit Group Iteration for Solving Large Scale Unconstrained Optimization Problems*	ST-8750 **Greg Orosi** *Information Content of Option-Implied Probabilities*

09:45 – 10:00 : Refreshments

TIME	Venue: Millennium 1 Chairperson: Prof. Dr. Fudziah Ismail
10:00 - 10:45	**PLENARY SESSION 2** **Prof. Dr. Aida Suraya Md Yunus** *Direction of Mathematics Education in Malaysian Schools: Reflecting on Past and Present Practices*

10:45 – 12:00: Parallel Sessions 4

TIME	SESSION 4A *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr. Siti Hasana Sapar*	SESSION 4B *Venue:* *Millennium 3* *Chairperson:* *Dr. Mohammad Hasan Abdul Sathar*	SESSION 4C *Venue:* *Gallery 2* *Chairperson:* *Dr. Fadzilah Md Ali*	SESSION 4D *Venue:* *Gallery 3* *Chairperson:* *Dr. Idham Arif Alias*	SESSION 4E *Venue:* *Gallery 4* *Chairperson:* *Dr. Norhaslinda Ali*
10:45 - 11:00	**Prof. Dr. Adem Kilicman** *Geometry of Some Special Functions and Fractional Derivatives*	AA-9871 **Rattiya Meesa** *Two Properties of Pseudo-Polynomials over a Galois Field*	DE-9981 **Md. Maqbul** *Solutions to Neutral Partial Functional Differential Equations with Functional Delay*	OT-7718 **Idham Arif Alias** *A Pursuit Differential Game in an N-Dimensional Cube with Geometric Constraint*	ST-4222 **Afif Shihabuddin** *Simulation Study on Smooth Tree-based Threshold in Generalized Pareto Model with the Presence of Covariate*
11:00 - 11:15		AA-4335 **Manoj Kumar Patel** *A Note on Weak* Rad-⊕-supplemented Modules*	DE-4938 **Praveen Kumar Gupta** *Numerical Solution with Analysis of HIV/AIDS Dynamics Model with Effect of Fusion and Cure Rate*	OT-3781 **Yusra Salleh** *An Evasion Differential Game from Any Initial Position of Players with Coordinate-Wise Integral Constraints*	ST-8365 **Wen Wei Dennis Ng** *The Study of Properties on Generalized Beta Distribution*

TIME	SESSION 4A Venue: Millennium 1 Chairperson: Assoc. Prof. Dr. Siti Hasana Sapar	SESSION 4B Venue: Millennium 3 Chairperson: Dr. Mohammad Hasan Abdul Sathar	SESSION 4C Venue: Gallery 2 Chairperson: Dr. Fadzilah Md Ali	SESSION 4D Venue: Gallery 3 Chairperson: Dr. Idham Arif Alias	SESSION 4E Venue: Gallery 4 Chairperson: Dr. Norhaslinda Ali
11:15 - 11:30	**Prof. Dr. Arjun K. Rathie** *A Note on Applications of Generalized Kummer's Summation Theorem*	AN-8780 **Abdumalik Rakhimov** *On the Summability of the Spectral Expansions Associated with the Elliptic Differential Operators*	DE-5490 **Pankaj Biswas** *Performance of Space-Time Coupled Least-Squares Spectral Element Methods for Parabolic Problems*	OR-9359 **Gafurjan Ibragimov** *A Guaranteed Pursuit Time in a Differential Game in Hilbert Space*	ST-7653 **Muhammad Sani** *The Performance of Robust Heteroscedasticity Consistent Covariance Matrix Estimator*
11:30 - 11:45		AN-1469 **Mohammad Hasan Abdul Sathar** *Approximation by Linear Legendre Multi Wavelets in the Classes of Holder*	DE-1881 **Nur 'Izzati Hamdan** *A Fractional Order Model for Dengue Epidemics in a Constant Population*	OR-4788 **Usman Waziri** *On Some Pursuit Problems Described by an Infinite System of 2-Systems of 1st-Order Differential Equations in Hilbert Space*	ST-6126 **Alfian Futuhul Hadi** *On the Development of the GE and the GGE Interaction Biplot in the RCIM Model and the Evaluation of its' Robustness to the Outlying Observations*
11:45 - 12:00	AN-1318 **Mohamad Muslikh** *Differentiation of Set-Valued Functions on Metric Spaces*	AN-3239 **Anvarjon Ahmedov** *On the Almost Everywhere Convergence of the Riesz Means of Multiple Fourier Series of the Functions from Liouville Classes $L_p^a(T^N)$*	DE-9730 **Faten Damag** *Biological Experiments Based on Fractional Integral Equations*	OT-7569 **Khairunnisa Jaman** *Achilles and Tortoise Game Compared to Lion and Man Game*	ST-8171 **Tarek Omara** *MM and MM Ridge Estimators for SUR Model*

12:00 – 14:00 : Lunch

TIME	
14:00 – 22.00	**SOCIAL VISIT & DINNER**

8th *February 2018 (Thursday) – Day 3*

08:30 – 10:15 : Parallel Sessions 5

TIME	SESSION 5A Venue: Millennium 1 Chairperson: Assoc. Prof. Dr. Norazak Senu	SESSION 5B Venue: Millennium 3 Chairperson: Dr. Sharifah Kartini Said Husain	SESSION 5C Venue: Gallery 2 Chairperson: Mrs. Nor Aliza Abd Rahmin	SESSION 5D Venue: Gallery 3 Chairperson: Assoc. Prof. Dr. Leong Wah June	SESSION 5E Venue: Gallery 4 Chairperson: Assoc. Prof. Dr. Zainiddin Eshkuvatov
08:30 - 08:45	**Prof. Dr. Zanariah Abdul Majid** *Direct Diagonally Block Method for Solving Two Point Boundary Value Problems with Robin Boundary Conditions*	**Assoc. Prof. Dr. Nor Muhainiah Mohd Ali** *The Co-Prime Probability of Some Finite Groups*	OT-1606 **Shinya Miyajima** *Fast Validated Computation for the Solvent of the Quadratic Matrix Equation*	OR-6705 **Ching Herny Chin** *Stationary Queue Length Distribution of a Continuous-time Queueing System with Negative Arrival*	GM-3383 **Fatemeh Ahangari** *Conformal Deformations of a Specific Class of Lorentzian Manifolds with Non-Irreducible Holonomy Representation*

TIME	SESSION 5A Venue: Millennium 1 Chairperson: Assoc. Prof. Dr. Norazak Senu	SESSION 5B Venue: Millennium 3 Chairperson: Dr. Sharifah Kartini Said Husain	SESSION 5C Venue: Gallery 2 Chairperson: Mrs. Nor Aliza Abd Rahmin	SESSION 5D Venue: Gallery 3 Chairperson: Assoc. Prof. Dr. Leong Wah June	SESSION 5E Venue: Gallery 4 Chairperson: Assoc. Prof. Dr. Zainiddin Eshkuvatov
08:45 - 09:00	**Prof. Dr. Zanariah Abdul Majid** *Direct Diagonally Block Method for Solving Two Point Boundary Value Problems with Robin Boundary Conditions*	**Assoc. Prof. Dr. Nor Muhainiah Mohd Ali** *The Co-Prime Probability of Some Finite Groups*	OT-1930 **Shinya Miyajima** *Validated Computation for the Matrix Exponential*	OR-2189 **Yau Balarabe Musa** *Computing the Regularization Parameter for Levenberg-Marquardt Method via Convexity Approach for Solving Systems of Nonlinear Equations*	GM-1277 **Fatemeh Ahangari** *Geometric Characterization of Totally Geodesic SODE Submanifolds*
09:00 - 09:15	**Assoc. Prof. Dr. Zarina Bibi Ibrahim** *Solving Stiff Ordinary Differential Equations Using Block Backward Differentiation Formulas*	AA-4294 **Suzila Mohd Kasim** *On the Distance of Two Elements of Commuting Graph in Finite Groups*	OT-4225 **Shinya Miyajima** *Fast Validated Computation for the Solution of the T-Congruence Sylvester Equation*	OR-7382 **Vinti Dhaka** *Effects of Inspection Policy on Inventory Model when Demand is Stock Dependent under Permissible Delay in Payments*	GM-2968 **Akram Mohammadpouri** *The Compact Cyclides of Dupin and a Generalized Conjecture of B-Y Chen*
09:15 - 09:30		AA-9070 **Witriany Basri** *Isomorphism Classes of Associative Algebras over $\mathbb{Z}_2$ and $\mathbb{Z}_3$ in Dimension Two*	OT-5708 **Wen Chean Teh** *A Note on Simulation of Reaction Systems by the Minimal Ones*	OR-8584 **Amira Rachah** *A Mathematical Model with Isolation States for the Dynamics of Ebola Virus*	GM-2544 **Kissana Pomdee** *The Product of Virtually Nonexpansive Maps and Their Fixed Point*

TIME	SESSION 5A Venue: Millennium 1 Chairperson: Assoc. Prof. Dr. Norazak Senu	SESSION 5B Venue: Millennium 3 Chairperson: Dr. Sharifah Kartini Said Husain	SESSION 5C Venue: Gallery 2 Chairperson: Mrs. Nor Aliza Abd Rahmin	SESSION 5D Venue: Gallery 3 Chairperson: Assoc. Prof. Dr. Leong Wah June	SESSION 5E Venue: Gallery 4 Chairperson: Assoc. Prof. Dr. Zainiddin Eshkuvatov
09:30 - 09:45	**Prof. Dr. Fudziah Ismail** *Trigonometrically Fitted Two-Point Block Multistep Methods for Solving Special Second Order Ordinary Differential Equations with Oscillatory Solutions*	AA-6026 **Mohamad Faiz Zil Ikram Mahmud** *Collapsed Adjacency Diagrams and Matrices of the Commuting Involution Graph in Higman–Sims Group*	OT-4315 **Eng Jeng Hong** *Performance Analysis of Solving Poisson Image Blending Problem by Four-Point EGAOR Iterative Method*	OR-1629 **Amira Rachah** *Modelling and Analysis of Transmission Dynamics of Intramammary Infections*	GM-8282 **Ramdayal Singh Kushwaha** *Nonholonomic Frames for Finsler Spaces with a Quartic Metric* $F = \{\alpha^2(\alpha^2 + \epsilon\beta^2)\}^{1/4}$
09:45 - 10:00		AA-6750 **Nurul Shazwani Mohamed** *On Degenerations and Invariants of Low-Dimensional Leibniz Algebras*	OT-1710 **Hiba Fawzi Al-Janaby** *Differential Inequalities Related to Salagean Type Integral Operator Involving Extended Generalized Mittag-Leffler Function*	OR-8995 **Sobri Abusini** *Production Scheduling using Flow Shop Modified Ant Colony Algorithm*	AN-5061 **Nur Alif Akid Jamaludin** *New Third Order Convergence Iterative Method for Solving Multiple Roots of Nonlinear Equation*
10:00 - 10:15	DE-1014 **Yusuf Dauda Jikantoro** *Higher Order Hybrid Method for Solving Special Fourth Order Ordinary Differential Equations*	PP-8541 **Noor Hidayat** *Some Properties of Alpha Anti Q-Fuzzy New Ideal of PU Algebra*	OT-9645 **Nouar Degaichi** *Zero Attractor Linked to Sequence of Polynomials*	MC-9671 **Fadzilah Md. Ali** *Heat Transfer Characteristics of MHD Stagnation-point Flow of Carreau Fluid over a Stretching/shrinking Sheet with Convective Boundary Condition*	MC-6813 **Nawara Elfakhakhre** *Half Circle Position for Arc Cracks in Half Plane*

10:15 – 10:30 : Refreshments

TIME	Venue: Millennium 1 Chairperson: Assoc. Prof. Dr. Nik Mohd Asri Nik Long
10:30 - 11:10	**PLENARY SESSION 3** **Prof. Dr. Agus Suryanto** *Fractional-Order Model for Prey-Predator Interaction with Prey Refuge and Additional Food*

11:10 – 12:40: Parallel Sessions 6

TIME	SESSION 6A *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr. Lee Lai Soon*	SESSION 6B *Venue:* *Millennium 3* *Chairperson:* *Assoc. Prof. Dr. Jayanthi Arasan*	SESSION 6C *Venue:* *Gallery 2* *Chairperson:* *Dr. Faranak Rabiei*	SESSION 6D *Venue:* *Gallery 3* *Chairperson:* *Dr. Faridah Yunos*	SESSION 6E *Venue:* *Gallery 4* *Chairperson:* *Dr. Athirah Nawawi*
11:10 - 11:25	DE-1391 **Tahani Salama** *An Embedded 4(3) Pair of Explicit Two Derivative Runge-Kutta-Nyström Method for Solving* $y'' = f(x, y, y')$	ST-2834 **Nelson Kiprono Biiz** *Estimating a Finite Population Mean under Random Non Response in Two Stage Cluster Sampling with Replacement*	DE-3703 **Amiratul Ashikin Mohd Nasarudin** *Stability Analysis of Block Backward Differentiation Formula with Off-step Points*	OT-8501 **Saidu Isah Abubakar** *A New Improved Bound for Short Decryption Exponent on RSA Modulus N = pq using Wiener's Method*	AA-5522 **Athirah Nawawi** *Description of Certain Disc, $\Delta_i(t)$ of the Commuting Graph in Symmetric Groups*
11:25 - 11:40	DE-2814 **Nizam Ghawadri** *An Explicit Exponentially-Fitted Modified Runge-Kutta Type Method for Solving* $y'''(x) = f(x, y, y')$	ST-3392 **Hanaa Elgohari** *An Improvement of the Mixing MCMC Algorithm for Multilevel Logistic Regression, an Application Study*	DE-4181 **Nursyazwani Mohamad Noor** *Numerical Solution for Stiff Initial Value Problems using 2-Point Block Multistep Method*	OT-8898 **Muhammad Asyraf Asbullah** *Another Proof to Wiener's Short Secret Exponent*	AA-3295 **Nur Lina Abdullah** *The Basis Step in Designing House Pop-Up Card Based on Number Theory*

Time	SESSION 6A *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr. Lee Lai Soon*	SESSION 6B *Venue:* *Millennium 3* *Chairperson:* *Assoc. Prof. Dr. Jayanthi Arasan*	SESSION 6C *Venue:* *Gallery 2* *Chairperson:* *Dr. Faranak Rabiei*	SESSION 6D *Venue:* *Gallery 3* *Chairperson:* *Dr. Faridah Yunos*	SESSION 6E *Venue:* *Gallery 4* *Chairperson:* *Dr. Athirah Nawawi*
11:40 - 11:55	DE-8979 **Sufia Zulfa Ahmad** *Hybrid Method with Phase-Lag Order Infinity for Solving Special Second Order Ordinary Differential Equations for Oscillatory Solution*	ST-3814 **Nor Iza Anuar Razak** *Bootstrapping Technique in Structural Equation Modeling: A Monte Carlo Study*	DE-6002 **Saufianim Jana Aksah** *Derivation of Singly Diagonally Implicit Block Backward Differentiation Formulas with Minimized Error Norm for Solving Stiff Ordinary Differential Equations*	AA-4074 **Faridah Yunos** *Formula for τ-adic Non-Adjacent Form with the Least Number of Nonzero Coefficients*	AA-7381 **Janyarak Tongsomporn** *A Stability Result about a Functional Equation of Drygas on an Abelian Group*
11:55 - 12:10	ST-6680 **Babangida Ibrahim Babura** *Analysis and Assessment of Boxplot Characters for Extreme Data*	ST-7716 **Pradeep Kumar Vishwakarma** *Bayesian Estimation for Inverse Weibull Distribution under Progressive Type-II Censored Data with Beta-Binomial Removals*	DE-4872 **Ali Ahmadian** *A Novel Numerical Method for Solving Variable-order Fractional Interval Differential Equations*	AA-2411 **Nurul Hafizah Hadani** *Alternative Method to Find the Number of Points on Koblitz Curve*	AA-2396 **Mbah Moses A** *On Some Combinatorial Results of Collapse in Partial Transformation Semigroup*
12:10 - 12:25	ST-4750 **Nurul Nisa' Khairol Azmi** *Modified Compound Smoother in Extracting Signal from Heavy Noise*	ST-4973 **Amna Ramadan Ashour** *Parameter Estimation for Weibull Burr Type X Model for Right Censored Data*	OR-9347 **Ehsan Ziaei** *An Approximate Method for Solving Fractional Partial Differential Equation by using an Embedding Process*	OT-1217 **Shared Pandey** *On Some Generalized Functions for Fractional Calculus: A Computational and Graphical Approach*	AN-6316 **Preeti Sharma** *Approximation by Complex Baskakov-Szász-Mirakyan-Stancu Operators in Compact Disks under Exponential Growth*

TIME	SESSION 6A *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr. Lee Lai Soon*	SESSION 6B *Venue:* *Millennium 3* *Chairperson:* *Assoc. Prof. Dr. Jayanthi Arasan*	SESSION 6C *Venue:* *Gallery 2* *Chairperson:* *Dr. Faranak Rabiei*	SESSION 6D *Venue:* *Gallery 3* *Chairperson:* *Dr. Faridah Yunos*	SESSION 6E *Venue:* *Gallery 4* *Chairperson:* *Dr. Athirah Nawawi*
12:25 - 12:40	DE-1999 **Edris Rawashdeh** *Approximate Solution of a Class of Fractional Integro-differential Equations*	ST-2510 **Alhaji Abdullahi Gwani** *E-Statistics as an Instrument for Reliable Source of Data*	DE-6366 **Faranak Rabiei** *Numerical Solutions of Volterra Integro-Differential Equations using General Linear Method*	OT-2947 **Adel Al-Mahdi** *Block Diagonal Preconditioners for an Image De-Blurring Problem with Fractional Total Variation*	OT-4744 **Ghazi S. Khammash** *A New Kind of Gegenbauer Matrix Polynomials on Two Variables*

12:40 – 14:30 : Lunch

TIME	*Venue: Millennium 1* *Chairperson: Assoc. Prof. Dr. Rezal Kamel Ariffin*
14:30 - 15:10	**PLENARY SESSION 4** **Prof. Dr. Abdulla Azamov** *Search and Game Problems on Geometric Graphs*

15:10 – 16:10: Parallel Sessions 7

TIME	SESSION 7A *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr. Nik* *Mohd Asri Nik Long*	SESSION 7B *Venue:* *Millennium 3* *Chairperson:* *Assoc. Prof. Dr. Mohd* *Rizam Abu Bakar*	SESSION 7C *Venue:* *Gallery 2* *Chairperson:* *Dr. Witriany Basri*	SESSION 7D *Venue:* *Gallery 3* *Chairperson:*	SESSION 7E *Venue:* *Gallery 4* *Chairperson:*
15:10 - 15:25	DE-4237 **Huajun Gong** *Liouville Theorem for the Steady-state Solutions of Q-tensor System of Liquid Crystal*	OR-3876 **Raosaheb Latpate** *News Vendor Supply Chain Coordination Model for Fuzzy Stochastic Demand of Perishable Items*	AA-9149 **Jayaraman Periyasamy** *Cyclic Normal Fuzzy Neutrosophic Soft G-Modular Structures Acting on Group Theory*		
15:25 - 15:40	DE-4759 **Moses Adebowale Akanbi** *Exponentially-fitted Fourth-Order Taylor's Algorithm for Oscillatory/Periodic Problems*	OR-8781 **Noor Azzah Awang** *The Shapley Weighting Vector-based Neutrosophic Aggregation Operator in DEMATEL Method*	AA-5041 **Abdulaziz Deajim** *On Principal (f, σ, δ)-Codes over Rings*		
15:40 – 15:55	DE-4600 **Mohammad Algharabli** *Existence and a General Decay Results for a Viscoelastic Plate Equation with a Logarithmic Nonlinearity*	OR-8690 **Say Loong Yong** *Using the Cauchy-Schwarz Logarithmic Divergence in an Investment Portfolio*	AN-3736 **James Griffin** *Ultraspherical Moments with Two Symmetric Gaps*		

TIME	SESSION 7A *Venue:* *Millennium 1* *Chairperson:* *Assoc. Prof. Dr. Nik* *Mohd Asri Nik Long*	SESSION 7B *Venue:* *Millennium 3* *Chairperson:* *Assoc. Prof. Dr. Mohd* *Rizam Abu Bakar*	SESSION 7C *Venue:* *Gallery 2* *Chairperson:* *Dr. Witriany Basri*	SESSION 7D *Venue:* *Gallery 3* *Chairperson:*	SESSION 7E *Venue:* *Gallery 4* *Chairperson:*
15:55 - 16:10	DE-3263 **Hailong Ye** *Nonlinear Diffusion Equations with Orientated Convection*	MC-8036 **Lei Zhang** *Multiscale Modeling and Analysis for Two Prototypical Problems- Numerical Homogenization and Atomistic/Continuum Coupling*	AN-2408 **Lakshika Chutani** *On a Class of Entire Function Represented by the Dirichlet Series in Two Variables*		

16:10 – 16:40: Closing Remark

16:40 – 17:00: Refreshments