

ICMA-MU 2018 Conference Program

*** Keynote speaker, ** Plenary speaker, * invited speaker

December 16, 2018

*** Afternoon refreshment at leisure ***		
Room A (Grand Ballroom, 3rd floor)		
Time	Speaker/Title	Chair
08:00--09:00	Registration	
09:00--09:30	Opening ceremony - Opening speech of Welcome by Prof. Surapol Issaragrisil, MD. , President of the Royal Society of Thailand	
09:30--10:20	*** Wake, G. Massey University, Auckland, New Zealand Fifty Years of Mathematics-in-Industry Study Groups Around the World	Lenbury, Y.
10:20--10:35	Refreshment	
10:35--11:15	** Licht, C. Universite Montpellier II, Case courier 048 Asymptotic Mathematical Modeling in Physics by Trotter Theory of Approximation of Semi-groups	Moore, E.
11:15--11:45	* Jatanachai, P. Tech Data Advanced Solutions (Thailand) Limited, Lumpini, Pathumwan, Bangkok, Thailand GPU for Next Generation High Performance Computing	Moore, E.
11:45--12:05	Boonpikum, A. Khon Kaen University Improved Delay Dependent Stability Criterion for Genetic Regulatory Networks with Interval Time-Varying Delays via New Lyapunov Functionals	Moore, E.
12:05--12:25	Phokaew, C. Prince of Songkla University Modeling Climate Temperature Increases over Japan Using MODIS LST Data	Moore, E.
12:25--13:25	Lunch (Roberto Room, 2nd floor)	
13:25--13:45	Andarlia, HT. Universitas Indonesia Reaction-Diffusion Model on Modified Logistic Equation With Periodic Growth Rate and Harvesting Rate	Lenbury, Y.
13:45--14:05	Vajrapatkul, A. King Mongkut's University of Technology North Bangkok An Application of the Impulsive CSOH Model for Managing Squirrel in	Lenbury, Y.
14:05--14:25	Chaiya, I. Mahasarakham University An Impulsive Mathematical Model for the Control of Brown Planthopper using Biological Control and Insecticide	Lenbury, Y.
14:25--14:45	Chutsagulprom, N. Chiang Mai University A Hybrid Prediction Method for Renewable Energy Consumption in Thailand	Lenbury, Y.
14:45--15:05	Darlai, R. King Mongkut's University of Technology North Bangkok Andronov-Hopf and Neimark-Sacker Bifurcations in Time-Delay Differential Equation and Difference Equation Dynamic Models for Diseases and Animal Populations	Lenbury, Y.
15:05--15:25	Kasemsuwan, J. King Mongkut's Institute of Technology Ladkrabang A Water Pollution Measurement Model in an Opened-Closed Reservoir with Contaminant Removal Mechanism	Tangmanee, S.
15:25--15:45	Kim, S. Yonsei University Valuation of Variance Swaps with Double Exponential Ornstein-Uhlenbeck Stochastic Volatility	Tangmanee, S.
15:45--16:05	Laesanklang, W. Mahidol University Toward Efficient Planning in Long-Term Home Healthcare Scheduling Problem	Tangmanee, S.
16:05--16:25	La-Inchua, T. University of Phayao Full-Order Observer Design for Finite-time Stability of Complex Large-scale Systems with Time-varying delay in Interconnection	Tangmanee, S.
16:25--16:45	Lekdee, N. King Mongkut's university of technology north bangkok Bifurcation in a Delayed Fractional Model of Glucose-Insulin Interaction with Incommensurate Orders	Tangmanee, S.
16:45--17:05	Onruk, K. King Mongkut's University of Technology North Bangkok Global Stability and Sensitivity Analysis for an Ebola Disease Model with Infected Corpse Groups and Vaccination	Tangmanee, S.

18:30--21:30 Welcoming dinner at the Grand Ballroom, 3rd floor

ICMA-MU 2018 Conference Program

*** Keynote speaker, ** Plenary speaker, * invited speaker

December 16, 2018

*** Afternoon refreshment at leisure ***		
Room B (Crystal 1--2, 3rd floor)		
Time	Speaker/Title	Chair
10:35--11:15	** Wu, YH. Curtin University On Various Classes of Partial Differential Equations and Their Applications	Rattanakul, C.
11:15--11:45	* Okamoto, H. Gakushuin University Weak Periodic Solutions and Numerical Case Studies of the Fornberg-Whitham Equation	Licht, C.
11:45--12:05	Chowdhury, MK. Military Institute of Science & Technology Augmentation of Heat Transfer in a Tubular U Loop Pipe Using Plain Twisted Tape Insert for Different Twist Ratios	Licht, C.
12:05--12:25	Deb, UK. Chittagong University of Engineering & Technology (CUET) The effect of the Angle of perforation on Perforated Inserts in a Pipe flow for Heat transfer analysis	Licht, C.
12:25--13:25	Lunch (Roberto Room, 2nd floor)	
13:25--13:55	* Lai, M. National Chiao Tung University An Unconditionally Energy Stable Scheme for Inextensible Interface Problems with Bending	Wu, YH.
13:55--14:15	Nuntaplook, U. Mahidol University Morphology-Dependent Resonances in Two-Layer Spheres with Negative Refractive Index	Wu, YH.
14:15--14:35	Orankitjaroen, S. Mahidol University Mathematical Justification of the Apparition of the Electromagnetic Coupling	Wu, YH.
14:35--14:55	Bantaokit, C. Burapha University Pseudo Multinomial Vectors and Their Properties	Wu, YH.
14:55--15:15	Wiwatanapataphee, D. Curtin University of Technology Effect of Beam Joinery on Bridge Structural Analysis	Wu, YH.
15:15--15:45	* Wiwatanapataphee, B. Curtin University of Technology Oscillating Pressure-Driven Slip Flow and Heat Transfer Through an Elliptical Microchannel	Licht, C.
15:45--16:05	* Wake, G. Massey University, Auckland, New Zealand The Seasonal Effect on the Spread of Disease: Red Needle Cast in Pine Trees	Licht, C.
16:05--16:25	Rangkuti, YM. State University of Medan Effect of Internal Heat Generation on Natural Convection of Micropolar Fluid in A Vertical Channel with Asymmetric Wall Temperatures and Concentrations	Licht, C.
16:25--16:45	Saelao, J. Maejo University The Solution of Klein-Gordon Equation by Using Modified Adomian Decomposition Method	Licht, C.
16:45--17:05	Shoji, M. Japan Women's University Stationary Water Waves on Rotational Flow of Two Vortical Layers	Licht, C.
17:05--17:25	Sripacharasakullert, P. Mahidol University Approximate Analytical Solution of Fractional Multi-Dimensional Burgers Equation by Homotopy Perturbation Method	Licht, C.

18:30--21:30 Welcoming dinner at the Grand Ballroom, 3rd floor

ICMA-MU 2018 Conference Program

*** Keynote speaker, ** Plenary speaker, * invited speaker

ICMA-MU 2018 Conference Program

*** Keynote speaker, ** Plenary speaker, * invited speaker

December 16, 2018

*** Afternoon refreshment at leisure ***

Room C (Crystal 3, 3rd floor)		
Time	Speaker/Title	Chair
10:35--11:15	** Borkowski, J. Montana State University An Overview of Methods for Generating Space-Filling Sets of Experimental Design Points	Pal, M.
11:15--11:45	* Muchtadi-Alamsyah, I. Institut Teknologi Bandung Linear Codes Over	Pal, M.
11:45--12:05	Buathong-Iem, E. Mahidol University Data Compression via Multidimensional Fibonacci Encoding	Pal, M.
12:05--12:25	Marisinganahalli, PM. Dr. Ambedkar Institute of Technology Varieties of Rational metric dimensions of certain classes of regular Graphs	Pal, M.
12:25--13:25	Lunch (Roberto Room, 2nd floor)	
13:25--13:55	* Doan The, H. College of Education, Hue university A Weighted Volume Estimate and its Application to Bernstein Type Theorems in Gauss Space	Sanh, NV.
13:55--14:25	* Sooryanarayana, B. Dr. Ambedkar Institute of Technology On Optimal Multilevel Labeling of Graphs	Ananchuen, N.
14:25--14:45	Mudibidre, J. Ambedkar Institute of Technology On Classes of Rational Resolving Sets of Power Graphs of a Path	Ananchuen, N.
14:45--15:05	Peereeyaphat, A. Chulalongkorn University Some Constructions of Cyclic Clique Decompositions of Power of Cycles	Ananchuen, N.
15:05--15:25	S, Y. Dr Ambedkar Institute of Technology, Bangalore, Karnataka, India. Anti-Multilevel Distance Radio Labelings	Ananchuen, N.
15:25--15:45	Sequeira, SL. B.M.S.College of Engineering,Bangalore On the Neighborhood Alliance sets in a Graph	Ananchuen, N.
15:45--16:05	Hegde, C. Mangalore University On Generalized Distance Alliances in Graphs	Ananchuen, N.
16:05--16:35	* Artamonov, V. Moscow State University Polynomially Complete Quasigroups and Their Applications	Sanh, NV.
16:35--17:05	* Bui, XH. National University of Ho Chi Minh City On Free Subgroups in Maximal Subgroups of Skew Linear Groups	Sanh, NV.
17:05--17:25	Berdinsky, D. Mahidol University A Note on Numerical Characteristics of Cayley Automatic Groups	Sanh, NV.

December 16, 2018

*** Afternoon refreshment at leisure ***

Room D (Crystal 4, 3rd floor)		
Time	Speaker/Title	Chair
10:45--11:15	* Xu, H. Curtin University Solving Two-Stage Stochastic Games by Progressive Hedging	Minh Man, NV.
11:15--11:45	* Morgan, J. Curtin University The Quest for the Provision of Adequate and Sustainable Retirement Incomes	Minh Man, NV.
11:45--12:05	Phewchean, N. Mahidol University European Option Pricing Model With Compound Ornstein-Uhlenbeck Process Under Stochastic Earning Yield and Stochastic Dividend Yield	Minh Man, NV.
12:05--12:25	Tonking, D. Chulalongkorn University An Application for the Prediction of Turning Points in the Time Series of Stock Prices	Minh Man, NV.
12:25--13:25	Lunch (Roberto Room, 2nd floor)	
13:25--13:55	* Caccetta, L. Curtin University of Technology Operations Research in Open Pit Mining- As a Way to Maximize Opportunity and Minimize Risk	Ananchuen, N.
13:55--14:25	* Barrios, EB. University of the Philippines Diliman On the Analysis of Clinical Trials with Covariates	Sinha, Bikas.
14:25--14:55	* Mathew, T. University of Maryland, Baltimore County Multivariate Reference Regions in Laboratory Medicine	Sinha, Bikas.
14:55--15:15	Chueanun, S. Mahidol University Values of Contract and Additional Ordering Policy in Two-stage Supply Chain	Nummi, T.
15:15--15:35	Chaimontree, S. Prince of Songkla University, Pattani Campus Pattern Hotspot for Violent Incidences in Three Deep South Provinces, Thailand	Nummi, T.
15:35--15:55	Eso, M. Prince of Songkla University Violent Conflict Related to Women and Children in Southernmost Provinces of Thailand	Pal, N.
15:55--16:15	Huynh, U. Mahidol University Statistical Inference for Analysing Groundwater Pollution Data in Mekong Delta Region, Vietnam	Pal, N.
16:15--16:35	Thiuthad, P. Prince of Songkla University On Point Estimation of the Location Parameter of a Skew-Normal Distribution	Pal, N.
16:35--16:55	Wongprachan, R. Maejo University Point and Interval Estimation of the Population Size Using a Zero-Truncated Poisson Lindley distribution	Pal, N.
16:55--17:15	Dhungana, AR. Pokhara University Factors Associated with Socio-economic Status of Dalit People Getting Old Age Allowance in Pokhara	Pal, N.

18:30--21:30 Welcoming dinner at the Grand Ballroom, 3rd floor

18:30--21:30 Welcoming dinner at the Grand Ballroom, 3rd floor