

ICMA-MU 2020 Conference Program			ICMA-MU 2020 Conference Program		
*** Keynote speaker, ** Plenary speaker, * invited speaker			*** Keynote speaker, ** Plenary speaker, * invited speaker		
December 19, 2020			December 19, 2020		
Room A (Grand Ballroom, 3rd floor) [virtual presentation only]			Room B (Crystal 3--4, 3rd floor)		
Time	Speaker/Title	Chair	Time	Speaker/Title	Chair
09:00--09:40	** Wake, G. Massey University at Auckland Modelling Catchment Pollution from Intensive Agricultural Practices	Licht, C.	09:00--09:20	Pijitrattana, P. Thammasat University Confidence Interval Estimation for Population Size Based on Poisson-Normal Mixture Models	Unhapiat, S.
09:40--10:10	* Wang, W. Wellesley College An Efficient Variance Estimator of AUC and Its Applications to Binary Classification	Licht, C.	09:20--09:40	Changpetch, P. Mahidol University Integrating Data Mining Techniques for Classification	Unhapiat, S.
10:10--10:40	* Liu, P. Bentley University Prediction of Time to Terminal Event (TTTE) in a Class of Joint Dynamic Models	Licht, C.	09:40--10:00	Juntarapun, K. Mahidol University Some Projection Models for Aging Population in Thailand	Unhapiat, S.
			10:00--10:20	Printechapat, T. Mahidol University Nested Markov Processes with Coupling Parameters	Unhapiat, S.
			10:20--10:40	Sae-Jie, W. Mahidol University Mendelian Randomization Study of the Effect of Coronary Artery Calcification on Cardiovascular Diseases	Unhapiat, S.
10:40--10:55	Refreshment		10:40--10:55	Refreshment	
10:55--11:25	* Wu, YH. Curtin University On Optimization of Freeway Traffic Flow Under Non-recurrent Events via Variable Speed Limit	Licht, C.	10:55--11:15	Phewchean, N. Mahidol University A Study of Weather Effect to Stock Market in Thailand	Satiracoo, P.
11:25--11:55	* Wiwatanapataphee, B. Curtin University Macroscopic Lane-Changing Model of Traffic Flow on Multi-Lane Freeway	Licht, C.	11:15--11:35	Roenganan, S. Mahidol University A Study of Life Internal Rate of Return	Satiracoo, P.
			11:35--11:55	Tipakornrojanakit, K. Mahidol University Covariance Forecasting Methods and Applications on Asset Allocation	Satiracoo, P.
11:55--12:55	Lunch (Roberto Room, 2nd floor)		11:55--12:55	Lunch (Roberto Room, 2nd floor)	
12:55--13:35	** Elder, M. University of Technology Sydney Which Groups Have Polynomial Geodesic Growth?	Kositwattanarak, W.	12:55--13:15	Matkhao, P. Mahidol University An Impulsive Mathematical Model of a Biological Control of Brown Planthoppers by Cytorhinus Lividipennis	Rattanakul, C.
13:35--14:05	* Vu, LA. Vietnam National University of Ho Chi Minh City Some Applications of Lie Groups in Theory of Technical Progress	Kositwattanarak, W.	13:15--13:35	Vongson, M. Mahidol University Residual Power Series Method for Solving the Nonlinear Wave Propagation in Shallow Water	Rattanakul, C.
14:05--14:35	* Hoang, N. Hue University Regularity Properties of Viscosity Solution of Nonconvex Hamilton - Jacobi Equations	Kositwattanarak, W.	13:35--13:55	Phusanti, C. Chiang Mai University Mathematical Model Analysis on Electricity Management in Thailand-an Industrial Area Case Study	Rattanakul, C.
14:35--14:55	Mouktonglang, T. Chiang Mai University Air Pollution Detection Using Modified Particle Swarm Optimization	Kositwattanarak, W.	13:55--14:15	Piyawatthanachot, J. Khon Kaen University New Stability Criteria for Uncertain Linear Systems with Distributed Interval Time-Varying Delays	Rattanakul, C.

ICMA-MU 2020 Conference Program			ICMA-MU 2020 Conference Program		
*** Keynote speaker, ** Plenary speaker, * invited speaker			*** Keynote speaker, ** Plenary speaker, * invited speaker		
December 19, 2020			December 19, 2020		
Room A (Grand Ballroom, 3rd floor) [virtual presentation only]			Room B (Crystal 3--4, 3rd floor)		
Time	Speaker/Title	Chair	Time	Speaker/Title	Chair
			14:15--14:35	Suksamran, J. King Mongkut's University of Technology North Bangkok Traveling Wave Solutions of a Reaction Diffusion Model for Porcine Reproductive and Respiratory Syndrome with Declining Infection Rate: Tracking Susceptible, Infected and Immune Populations	Rattanakul, C.
			14:35--14:55	Unyapoti, P. King Mongkut's Institute of Technology Ladkrabang A Shoreline Evolution Model with a Groin Structure Under Nonuniform Breaking Wave Crest Impact	Rattanakul, C.
14:55--15:10	Refreshment		14:55--15:10	Refreshment	
15:10--15:40	* Sanh, NV. Mahidol University An Introduction of Radicals in Module Theory	Orankitjaroen, S.	15:10--15:30	Jaidee, N. Mahidol University A Study on Photosynthesis Related to the Stomatal Conductance in Longan (Dimocarpus Longan Lour.) Under High Temperature Condition	Khajohnsaksum eth, N.
15:40--16:10	* Tran, DQ. Hanoi Institute of Post & Telecommunication Integrating Influence Into Trust Computation with User Interests on Social Networks	Orankitjaroen, S.	15:30--15:50	Jankhonkhan, J. Mahidol University Model Predictive Control of the COVID-19 Pandemic with Respect to Social Isolation Policies	Khajohnsaksum eth, N.
16:10--16:40	* Broadbridge, P. La Trobe University Exact and Numerical Solutions of Nonlinear Fisher-KPP Reaction-Diffusion Equations: Design of Marine Protection Areas.	Orankitjaroen, S.	15:50--16:10	Jangarm, C. Mahidol University Mathematical Modeling of Tumorous Bone	Khajohnsaksum eth, N.
16:40--17:00	Prathumwan, D. Khon Kaen University Mathematical Modeling of the Streptococcus suis Infection	Orankitjaroen, S.	16:10--16:30	Jirapathomkul, W. Mahidol University A Fractional Modeling of Cell Equilibrium and Joint Cell Formation in Multiple Myeloma	Khajohnsaksum eth, N.