

Day 4
Parallel Session
July 28, 2023 (01:30 PM – 02:50 PM)
Friday

Algebra I
Room 1
PIC: Naelufa Syifna WM

Time	Presenter	Title	Moderator
01:30 – 01:50 PM	Carolus Pasha Lazuardi Jituprasojo Hatmakelana	On Application of Annihilating Content of Polynomial on EM Ring Properties on $R[x]$ and $R[[x]]$	Puguh Wahyu Prasetyo
01:50 – 02:10 PM	Muhammad Irfan Arsyad Prayitno	On Spectral Radius of Antiadacency Matrix of A Digraph	Carolus Pasha Lazuardi Jituprasojo Hatmakelana
02:10 – 02:30 PM	Musthofa - Musthofa	Modified Binary de Bruijn Sequences with High Linear Complexities	Muhammad Irfan Arsyad Prayitno
02:30 – 02:50 PM	Puguh Wahyu Prasetyo	On $N\mathcal{L}$ and $N\mathcal{B}$ -Rings	Musthofa - Musthofa

Algebra III
Room 3
PIC: Uvi Dwian Kencono

Time	Presenter	Title	Moderator
01:30 – 01:50 PM	Agista Surya Bawana	On the Order Divisor Graphs of Dihedral Groups	Widya Rizky Fadhillah
01:50 – 02:10 PM	Benediktus Panji Pradipta	Graphs from Ternary Error-Correcting Codes Construction	Agista Surya Bawana
02:10 – 02:30 PM	Gustina Elfiyanti	The First and Second Zagreb Index, and the Wiener Index of the Coprime Graph of $\mathbb{Z}_p^k \times \mathbb{Z}_p^k \times \mathbb{Z}_p^k$	Benediktus Panji Pradipta
02:30 – 02:50 PM	Widya Rizky Fadhillah	Some Cayley Graphs that are Multipartite	Gustina Elfiyanti

Statistics I
Room 5
PIC: Maria Asa Pitayani

Time	Presenter	Title	Moderator
01:30 – 01:50 PM	Agus Putradana Amertha	Multi-Output Neural Network for Rainfall Forecasting in East Java Province Indonesia	Reny Ari Noviyanti
01:50 – 02:10 PM	Muhammad Muhajir	Ensemble of LSTM and LDA for Topic Detection of Bjorka	Agus Putradana Amertha
02:10 – 02:30 PM	Radisha Fanni Sianti	Forecasting Bitcoin Return Using GARCH-LSTM	Muhammad Muhajir
02:30 – 02:50 PM	Reny Ari Noviyanti	Empirical Best Linear Unbiased Predictions of Small Area Estimation With Panel Data for Estimating Household Consumption Per Capita Expenditure	Radisha Fanni Sianti

Algebra II
Room 2
PIC: Qurrotu'aini Kusuma Dewi

Time	Presenter	Title	Moderator
01:30 – 01:50 PM	Indah Emilia Wijayanti	On Differential Colocalizations in Category $\sigma[M]$	Yunita Septriana Anwar
01:50 – 02:10 PM	Laila Karimatul Fadhillah	The Smarandache Cancellative Semigroup Based on Conjugates	Indah Emilia Wijayanti
02:10 – 02:30 PM	Qonita Qurrota A'yun	AA-Property of Rings and Related Topics	Laila Karimatul Fadhillah
02:30 – 02:50 PM	Yunita Septriana Anwar	M-Injective Hulls Of Topological Modules	Qonita Qurrota A'yun

Actuarial Science I
Room 4
PIC: Heni Heriyani

Time	Presenter	Title	Moderator
01:30 – 01:50 PM	Danardono	A preliminary Analysis of BPJS Sample Data for constructing Mortality Models	Ahmad Fuad Zainuddin
01:50 – 02:10 PM	Restu Ananda Putra	Comparing the Premium Index of Crop Insurance between Indonesian Islands Based on the Farmer Exchange Rate	Danardono
02:10 – 02:30 PM	Silvina Rosita Yulianti	Agricultural Insurance Catastrophe Risk Management Review	Restu Ananda Putra
02:30 – 02:50 PM	Ahmad Fuad Zainuddin	Cluster Analysis of Sharia General Insurance Risk Levels based on Types of Claims and Their Coverages Value	Silvina Rosita Yulianti

Statistics II
Room 6
PIC: Diana Putri Intan Sari

Time	Presenter	Title	Moderator
01:30 – 01:50 PM	Atina Husnaqilati	Equi-correlated of high dimensional random matrices	M. Syamsuddin Wisnubroto
01:50 – 02:10 PM	I Gusti Agung Anom Yudistira	Development of a Circular Simulation Algorithm and its Output, on a Discrete Event System, Implemented in the R Program	Atina Husnaqilati
02:10 – 02:30 PM	Ifah Durrotun Nisa'	Parameter Estimation and Statistical Hypothesis Testing of Multivariate Adaptive Inverse Gaussian Regression Spline	I Gusti Agung Anom Yudistira
02:30 – 02:50 PM	M. Syamsuddin Wisnubroto	Performance Loss of Ignoring Correlation in Binary Classification under Gaussian Model: A Numerical Perspective	Ifah Durrotun Nisa'