

CONFERENCE PROGRAM

Majapahit Hotel
Jl. Tunjungan No. 65, Surabaya

Wednesday, October 19, 2016	
08.00 – 08.30	Registration
08.30 – 09.15	Opening Program
	Singing the National Anthem of Indonesia (Indonesia Raya)
	Welcome remark by Conference Chair
	Welcome remark by Rector of ITS
09.15 – 10.15	Keynote session 1 by Prof. Guan-Hua Huang
10.15 – 10.30	<i>Coffee Break (CB)</i>
10.30 – 11.30	Keynote session 2 by Prof. Hayato Ohwada
11.30 – 12.30	<i>Lunch Break and Praying (LB)</i>
12.30 – 16.00	Parallel session
Thursday, October 20, 2016	
08.00 – 09.00	Keynote session 3 by Prof. Donald McNeil
09.00 – 09.30	<i>Coffee Break (CB)</i>
09.30 – 10.30	Keynote session 4 by Dr.rer.pol. Heri Kuswanto
10.30 – 11.30	Parallel session
11.30 – 12.30	<i>Lunch Break and Praying (LB)</i>
12.30 – 16.00	Parallel session

PARALLEL SESSION SCHEDULE

International Conference on Theoretical and Applied Statistics

DAY 1 (Wednesday, October 19, 2016)

ROOM: ADIKA 1						
No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	12.30-13.00	ECS1	Spatio-Temporal Analysis of Inflation Rate : Vector Autoregressive Approach with Calendar Effect	Eni Sumarminingsih, Setiawan, Agus Suharsono, and Budi Nurani Ruchjana	007	Brawijaya University & Institut Teknologi Sepuluh Nopember , Indonesia
2		ECS2	Recalibrating model and the forecasting method of the term structure of government bond yields	Dedi Rosadi	107	Gadjah Mada University, Indonesia
3	13.00-13.30	ECS3	Forecasting the Number of Passengers at “Juanda International Airport” Using TBATS Method	Silviatul Hasanah and Suhartono	015	Institut Teknologi Sepuluh Nopember, Indonesia
4		ECS4	Inflow and Outflow Forecasting as a Projection of Currency Need in Bali using TBATS, ARIMA, and ARIMAX	IMG Meranggi Dana and Suhartono	016	Institut Teknologi Sepuluh Nopember, Indonesia
5	13.30-14.00	ECS5	Labelling Hierarchical Cluster of Potential Areas Applying Digital Financial Services In West Kalimantan Basedon AHP	Muhlasah Novitasari Mara, Dwi Suslamanto, Henry Nosih Saturwa and Hendra Perdana	019	Universitas Tanjungpura & Bank Indonesia, West Kalimantan, Indonesia
6		ECS6	S-GSTARX-GLS Model for Forecasting Seasonal Spatio Temporal Data with Metrics Exogenous Variable	Mike Prastuti and Suhartono	023	Institut Teknologi Sepuluh Nopember, Indonesia
7	14.00-14.30	ECS7	Forecasting Model of Wind Speed in East Java using GSTAR	M. Fariz Fadillah Mardianto, Kuzairi and Nur Aini Silaturrohmah	027	Islamic University of Madura & Gadjah Mada University, Indonesia
8		ECS8	Prediction of the roll motion of a floating production unit using a hybrid ARIMA and artificial neural network model	Novri Suhermi, Baharuddin Ali, and Suhartono	036	Universite Paris Diderot-Paris 7, France & Indonesia Hydrodynamic Laboratory & Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: ADIKA 1

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
9	14.30-15.00	ECS9	Electricity Load Forecasting using k-Factor GARMA Model	Florence Adeleyda Siga, Heri Kuswanto, and Suhartono	037	Institut Teknologi Sepuluh Nopember, Indonesia
10		ECS10	Spatial Econometrics for Data Panel : An Application to Money Demand of East Java	Imam Safawi Ahmad and Setiawan	038	Institut Teknologi Sepuluh Nopember, Indonesia
11	15.00-15.30	ECS11 *	Bali Province Economic Growth Model Using Spatial Durbin and Spatial Durbin Error Panel Data with Random Effects Models	Setiawan, Imam Safawi Ahmad, and Ni Ketut Tri Utami	042	Institut Teknologi Sepuluh Nopember, Indonesia
12		ECS12	The Operational Risk Evaluation of the University Savings and Credit Cooperatives in Bangkok, Thailand: WPF-DEA Method	Prasopchai Pasunon and Afifi Lateh	048	Silpakorn University, Thailand

ROOM: ADIKA 2

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	12.30-13.00	CS1	Application of Inverse Distance Weighting Method in Nickel Mining	Sulfajar Asmaul and Niki Ariski	006	University of Pembangunan Nasional Veteran Yogyakarta & Bogor Agricultural University, Indonesia
2		CS2	Parameter Optimization of Support Vector Machine-Recursive Feature Elimination (SVM-RFE) Using Taguchi Method in High-dimensional Data	Surya Prangga, Santi Wulan Purnami, and Wahyu Wibowo	013	Institut Teknologi Sepuluh Nopember, Indonesia
3	13.00-13.30	CS4	Neural Network Approach For Forecasting Medicine Demand	Dias A Pradita, Kartika Fithriasari, and Dedy Dwi Pastyo	021	Institut Teknologi Sepuluh Nopember, Indonesia
4		CS5	Outliers Detection Methods using Tukey's Boxplot, Generalized Extreme Studentized Deviate, and Sequential Fences	Anwar Fitrianto and Suliana Kriswan	103	Universiti Putra Malaysia
5	13.30-14.00	CS6	Projection Analysis on Substation by Using Analytical Hierarchy Process Method of The Electricity Distribution Network (Case Study : Blawan Ijen Area)	A Herdianto , E B Prastika, Teguh H, and Widya U	029	Institut Teknologi Sepuluh Nopember, Indonesia
6		CS7	Clustering of Cross Citrus Accessions Based on Mixed Numerical and Categorical Dataset using Similarity Weight and Filter Method	Alvionita, Sutikno, and Agus Suharsono	030	Institut Teknologi Sepuluh Nopember, Indonesia
7	14.00-14.30	CS8	Learning Vector Quantization with Statistical Features for Indonesian Speech Recognition	Ika N Fauziyah, Kartika Fithriasari and Brodjol S S Ulama	040	Institut Teknologi Sepuluh Nopember, Indonesia
8		CS9	The Potency of Ponds Fishery in East Java Based on Bayesian Metropolis-Hastings Method	Pratnya Paramitha Oktaviana and Brodjol S S Ulama	050	Institut Teknologi Sepuluh Nopember, Indonesia
9	14.30-15.00	CS10	Biresponse Category Multivariate Adaptive Regression Splines (BC-MARS) Estimation	Moch Bisryi E, Bambang W O, Agus S, and Santi W P	053	Institut Teknologi Sepuluh Nopember, Indonesia
10		CS19 *	Empirical Study on the Predictive Power of Rotation Forest	Bagus Sartono, Mulianto Raharjo, Cici Suhaeni	104	Bogor Agriculture University, Indonesia

ROOM: ADIKA 2

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
11	15.00-15.30	HS1	Modeling of Vegetation Index using statistical method in Kathmandu Valley, Nepal from 2000 to 2015	Noppachai Wongsai, Ira Sharma, Phattrawan Tongkumchum, and Attachai Ueranantasum	109	Prince of Songkla University, Thailand
12		HS2	Household Food Security Analysis Case of Tuberculosis using Geographically Weighted Poisson Regression (Case Study of Coastal Area in Surabaya)	Sri Pingit Wulandari, Destri Susilaningrum, and I Nyoman Latra	058	Institut Teknologi Sepuluh Nopember, Indonesia
13	15.30-15.45	HS3	Clustering District Based on Infant Stunting Factor Using Fuzzy Geographically Weighted With Metaheuristic Optimization	Bambang Sulistyo Hadi, Kartika Fitriasaki, and Muhammad Mashuri	066	Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: BRANTAS

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	12.30-13.00	IS1	Evaluation of Principal Component Analysis Control Chart Performance	Muhammad Ahsan, Muhammad Mashuri, Heri Kuswanto, Dedy Dwi Prastyo and Hidayatul Khusna	051	Institut Teknologi Sepuluh Nopember, Indonesia
2		IS2	Tempered Glass Process Control in PT. X using Fuzzy U Control Chart	Diana Nurlaily and Sri Mumpuni Retnaningsih	089	Institut Teknologi Sepuluh Nopember, Indonesia
3	13.00-13.30	IS3	Multioutput Least Square SVR Based Residual MEWMA and T2 Control Chart for Nonlinear Autocorrelated Data	Hidayatul Khusna, Muhammad Mashuri, Suhartono, Dedy Dwi Prastyo, and Muhammad Ahsan	049	Institut Teknologi Sepuluh Nopember, Indonesia
4		IS4	Quality Control of Steel Pipe Coating Thickness Production Process using u-Fuzzy Control Chart	Diaz Fitra Aksioma and Haryono	100	Institut Teknologi Sepuluh Nopember, Indonesia
5	13.30-14.00	SS1	The Efficiency Evaluations on the Teaching Professional Practicum Units in Three Southern Border Provinces of Thailand: DEA and CA	Afifi Lateh, Mahdee Waedramae, Weahason Weahama, Supansa Suvanchatree, Noorasikin Yeesaman, and Hamidah Musa	005	Prince of Songkla University, Pattani campus, Thailand
6		SS2	Macro Determinants of Infant Mortality in Indonesia : A Panel Data Analysis	Rudi Salam	010	Institute of Statistics, BPS-Statistics, Indonesia
7	14.00-14.30	SS3	SEM and Its Application on Factors Modeling which Affect on Students' Academic Achievement (Case Study: Institut Teknologi Sepuluh Nopember, Surabaya)	Lina Natalya, Muhammad Mashuri ,and Uda Bagus Siaputra	012	Universitas Surabaya & Institut Teknologi Sepuluh Nopember, Indonesia
8		SS4	Probit Model with Panel Data for Study Case Unemployment Rate in Indonesia	Rizfanni Cahya Putri, Vita Ratnasari, and I Nyoman Latra	026	Institut Teknologi Sepuluh Nopember, Indonesia
9	14.30-15.00	SS5	Probit Data Panel using BFGS Optimization and It's Application in the Case of Poverty in Central Java	Halistin, Vita Ratnasari, and Santi Puteri Rahayu	031	Institut Teknologi Sepuluh Nopember, Indonesia
10		HS4	Food Security Households Analysis Against Tuberculosis Sufferers In The Center Region Of Surabaya With The Geographically Weighted Poisson Regression	Destri S., Sri Pingit W., and I.N. Latra	077	Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: BRANTAS

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
11	15.00-15.30	SS7	Classification of Poor Household in Aceh Using Logistic Regression and Bayesian Networks	Suko Haryono, Heri Kuswanto and Nur Iriawan	046	Statistics of Nagan Raya Regency, Aceh & Institut Teknologi Sepuluh Nopember, Indonesia
12		SS6	Multilevel Models For Binary Data on Work Status of Housewife using Marginal Quasi-Likelihood Estimation	Fanny Ayu Octaviana, Wahyu Wibowo, and R. Mohamad Atok	039	Institut Teknologi Sepuluh Nopember, Indonesia
13	15.30-15.45	HS5 *	A hurdle negative binomial regression approach for right censored count data	Riza Yuli Rusdiana, Ismaini Zain, and Santi Wulan Purnami	088	Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: SERAYU

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	12.30-13.00	TS1	On the Convolution of a Variational Cauchy Distribution	Dodi Devianto	008	Andalas university, Indonesia
2		TS2	Parameter Estimation of Geographically Weighted Bivariate Generalized Poisson Regression Model	Dewi I Setiawan, Puhadi, and Sutikno	017	Institut Teknologi Sepuluh Nopember, Indonesia
3	13.00-13.30	TS3	Parameter Estimation Mixed Geographically Weighted Bivariate Negative Binomial Regression (MGWBNBR)	Sulantari	020	Institut Teknologi Sepuluh Nopember, Indonesia
4		TS4	IV-GMM Estimator For Spatial Durbin Error Panel Data With Fixed Effect Models	Mustaqim, Setiawan, Suhartono and Brodjol Sutija Ulama	024	Statistics Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia
5	13.30-14.00	TS5 *	Mixed Estimator of Kernel and Fourier Series in Nonparametric Regression	Ngizatul Afifah, I Nyoman Latra, and I Nyoman Budiantara	025	Institut Teknologi Sepuluh Nopember, Indonesia
6		TS6	Modeling Multivariable Semiparametric Regression using Combined Estimators of Fourier Series and Truncated Spline	Khaerun Nisa, I Nyoman Budiantara, and Agnes Tuti Rumiati.	032	Institut Teknologi Sepuluh Nopember, Indonesia
7	14.00-14.30	TS7	Robust Model-Based Clustering with Multivariate t-Distribution for Grouping Provinces in Indonesia According to Key Indicators of Labor Market	Mety Agustini, Kartika Fitriyasi, and Dedy Dwi Prastyo	033	Statistics of Kepulauan Bangka Belitung Province & Institut Teknologi Sepuluh Nopember, Indonesia
8		TS8	Parameter Estimation of Bivariate Poisson Inverse Gaussian Regression Models	Sekarsari U Wijaya, Puhadi, and Sutikno	034	Institut Teknologi Sepuluh Nopember, Indonesia
9	14.30-15.00	TS9	Propensity Score Matching	Amanda Adityaningrum, Bambang Widjanarko Otok, Kartika Fithriyasi, and Herlina Jusuf	035	Institut Teknologi Sepuluh Nopember, Indonesia
10		TS10	Transformed Kernel Estimation and Double Transformed Kernel Estimation with Optimal Bandwidth to Estimate Value at Risk	Dessy Setiani, Heri Kuswanto, and Dedy Dwi Prastyo	041	Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: SERAYU

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
11	15.00-15.30	TS11	Parameter Estimation in Geographically Weighted Quantile Regression (GWQR)	Rahmadanie Sapta Irevanie, Purhadi, and Ismaini Zain	043	Statistics of Papua Province & Institut Teknologi Sepuluh Nopember, Indonesia
12		TS12	Use of The EM Algorithm to Estimate Parameter of Geographically Weighted t Regression Model	Harmi Sugiarti , Purhadi , Sutikno, and Santi Wulan P.	044	Universitas Terbuka & Institut Teknologi Sepuluh Nopember, Indonesia
13	15.30-16.00	ES1	Spline-Based Approach to Annual Seasonality Extraction in Temporal MODIS LST data	Noppachai Wongsai, Sangdao Wongsai, Apiradee Lim and Ira Sharma	001	Prince of Songkla University, Pattani Campus, Thailand
14		ES2	Pattern Variation of Fish Fingerling Abundance in the Na Thap Tidal River of Southern Thailand: 2005-2015	TeerohahDonroman, Apiradee Lim and Sarawuth Chesoh	009	Prince of Songkla University, Pattani Campus, Thailand

DAY 2 (Thursday - October 20, 2016)

ROOM: ADIKA 1						
No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	10:30-11:00	ECS13 *	Multivariate Bayesian Regression Modeling of Gross Regional Domestic Product in East Java Province	A.B. Santosa, N. Iriawan, Setiawan and M. Dokhi	059	Statistics Indonesia & Institut Teknologi Sepuluh Nopember & Insitute of Statistics, Indonesia
2		ECS14	Backtesting of Value at Risk on Islamic Banking Stock Return using Quantile Regression	Nur Asmita Purnamasari, Heri Kuswanto, and Dedy Dwi Prastyo	061	Institut Teknologi Sepuluh Nopember, Indonesia
3	11:00 - 11:30	ECS15	Value at Risk (VaR) Estimation in LQ45 Stock Portofolio Using Copula-GARCH	Tutus S Harsoyo, Heri Kuswanto, and Brodjol S S Ulama	062	Institut Teknologi Sepuluh Nopember, Indonesia
4		ECS16	GSTAR Model with Metric and Non Metric Exogenous Variables for Forecasting Inflation	Agung Setiawan Prasetya, Agus Suharsono, and Suhartono	067	Statistics of Banjar Regency & Institut Teknologi Sepuluh Nopember, Indonesia
BREAK						
5	12:30 - 13:00	ECS17	The Interval Prediction in GSTARX Model	Risma Hapsari, Suhartono and Dedy Dwi Prastyo	068	Statistics Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia
6		ECS18	Simultaneous Equation Analysis Model of Spatial Panel Data Connection GDP and Poverty in Indonesia	Faraniena Yunaeni Risdiana, Setiawan, and Vita Ratnasari	070	Institut Teknologi Sepuluh Nopember, Indonesia
7	13:00 - 13:30	ECS19	Forecasting Multiple Seasonal Time Series using Exponential Smoothing	Winita Sulandari, Subanar, Suhartono and Herni Utami	071	Gadjah Mada University, Indonesia
8		ECS20	Upper-Triangular Matrix of Spatial Weight in GSTAR	Harniaty, Brodjol S.U. and Suhartono	072	Statistics Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: ADIKA 1

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
9	13 :30 - 14:00	ECS21	Generalized Spatial Three Stage Least Square (GS3SLS) In Simultaneous Spatial Equation	Efrilla Rita Utami, Setiawan, and Santi Puteri Rahayu	073	Statistics of Kepulauan Riau Province & Institut Teknologi Sepuluh Nopember, Indonesia
10		ECS22	An overview Spatial Time Series Model for Data Count	Laksmi Prita Wardhani, Setiawan Setiawan, Suhartono, and Heri Kuswanto	085	Institut Teknologi Sepuluh Nopember, Indonesia
11	14:00- 14:30	ECS23 *	Lagrange Multiplier Test For Spatial Dynamic Panel Data Models: Foreign Direct Investment Model in ASEAN Country	Dwi Endah Kusrini, Setiawan, Brodjol Sutijo Suprih Ulama, and Budi Nurani Ruchjana	090	Institut Teknologi Sepuluh Nopember, Indonesia
12		ECS24 *	GSTARMAX Model for Forecasting Inflow-Outflow Currency at Bank Indonesia	Muhammad Sjahid Akbar , Setiawan, Suhartono, Budi Nurani Ruchjana	094	Institut Teknologi Sepuluh Nopember, Indonesia
13	14:30 - 15:00	ECS25	Modelling of Intervention Multi Input: A Case Study Inflation in Central Java Based on Price Changing Fuel Oil in Indonesia	Alan Prahutama and Suparti	096	Diponegoro University, Indonesia
14		ECS26	Financial Distress Prediction of Go Public Corporate In Service of Non Financial Sector with Discriminant Analysis, Binary Logistic Regression and RBFN Methods	Fitria D Wulandari, Suhartono, Andry Irwanto, and Ike Yuniarti	011	Airlangga University & Institut Teknologi Sepuluh Nopember, Indonesia
15	15:00 - 15 :30	ECS27	Modelling Inflation of Transportation, Comunication, and Service Sectors in Indonesia using Intervention Model	Suparti and Alan Prahutama	108	Diponegoro University, Indonesia

ROOM: ADIKA 2

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	10:30 - 11:00	CS21	Forecasting Rainfall data in Semarang City using Support Vector Regression-Genetic Algorithm (SVR-GA)	Irhamah and Adam Surya Wijaya	106	Institut Teknologi Sepuluh Nopember, Indonesia
2		CS20	Support Vector Regression-Genetic Algorithm (SVR-GA) for Forecasting Rainfall data in Bojonegoro District	Irhamah and Kiki Wulan Suci	105	Institut Teknologi Sepuluh Nopember, Indonesia
3	11:00 - 11:30	CS11	Infant Warmer with Fuzzy Logic Method	E B Prastika, R Rokhana, and P S Wardhana	060	Electronics Engineering Polytechnic, Indonesia
4		CS12	A Novel Neglected Nonlinearity Test Using General Regression Neural Network	Achmad Syahrul Choir, Brodjol Sutijo Suprih Ulama, Nur Iriawan, Kartika, Fithriasari, and Mohammad Dokhi	074	Statistics Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia
BREAK						
5	12:30 - 13:00	CS13	On The Mixture Modelling Of Income Distribution: A Bayesian Approach	Irwan Susanto, Nur Iriawan, Heri Kuswanto, and Suhartono	078	Universitas Negeri Sebelas Maret & Institut Teknologi Sepuluh Nopember, Indonesia
6		CS14	Implementation of Particle Swarm Optimization Algorithm for Classification Data Used Naïve Bayes and Logistic Regression	Abdurrahman Salim, Irhamah, and Vita Ratnasari	080	Institut Teknologi Sepuluh Nopember, Indonesia
7	13:00 - 13:30	CS15	Hierarchical Bayesian Neural Network with Small Area Estimation of HSDR (19-24) on Poor Household for Mapping Big-data of Bidikmisi Scholarship Awardee in East Java Province	Wahyuni Suryaningtyas, Himmatul Mursyidah, Nur Iriawan, and Brodjol Sutijo SU	082	Muhammadiyah University of Surabaya & Institut Teknologi Sepuluh Nopember, Indonesia
8		CS18	Corporate Default Risk Prediction using Support Vector Machine with Regularization	Dedy Dwi Prastyo	028	Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: ADIKA 2

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
9	13 :30 - 14:00	CS3	Rainfall Forecasting Using Genetic Algorithm-Support Vector Regression	Noviyanti Santoso and Irhamah	014	Institut Teknologi Sepuluh Nopember, Indonesia
10		CS16	Comparison of Stepwise Method and Genetic Algorithm for Variable Selection in Linear Discriminant Analysis	Rizky Kusumawardani	087	Islamic University of Indonesia
11	14:00- 14:30	CS17	The Use of Google Maps and Circle Approach Method in Land Area Measurement	Eko Sedyono, Evania Nur Alivah, and Adi Setiawan	102	Universitas Kristen Satya Wacana, Salatiga, Indonesia
12		HS6	Analysis Survival using Multivariate Adaptive Regression Splines (Case Study: Cervical Cancer Patients in 2010 at dr. SOETOMO Hospital)	Rochima D Respita, Santi Purnami, and I Nyoman Budiantara	092	Institut Teknologi Sepuluh Nopember, Indonesia
13	14:30 - 15:00	HS7 *	On Bayesian Mixture Discrete Distribution to Model Infant Mortality	Adatul Mukarromah and Nur Iriawan	098	Institut Teknologi Sepuluh Nopember, Indonesia
14		HS8	The Analysis of Coronary Risk For Offshore Worker Using SVM Method	Farizi Rachman, Am Maisarah Disrinama, and Kriselda Pranandaputri Istanto	099	Shipbuilding Institute of Polytechnic Surabaya, Indonesia

ROOM: BRANTAS

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	10:30 - 11:00	IS5	Productivity Analysis of ITS Lecturers in Scopus Using Quantile Regression	Alfisyahrina Hapsery, Suhartono, and Dedy Dwi Prastyo	056	Institut Teknologi Sepuluh Nopember, Indonesia
2		IS6	Individual-Trace (R2) Control Chart for Monitoring Variability Multivariate Process	Muhammad Mashuri, Haryono, Purhadi, Diaz Fitra Aksioma, Wibawati, Hidayatul Khusna, and Muhammad Ahsan	076	Institut Teknologi Sepuluh Nopember, Indonesia
3	11:00 - 11:30	IS7	Multi-attribute Fuzzy Control Chart using α -cut and its application	Wibawati, Muhammad Mashuri, Purhadi, and Irhamah	081	Institut Teknologi Sepuluh Nopember, Indonesia
4		SS8	Nonparametric Small Area Estimation Using P-Spline To Estimating Expenditure Per Capita District Level In Sleman	Farida Aprian, Agnes Tuti Rumiati, and Wahyu Wibowo	057	Institut Teknologi Sepuluh Nopember, Indonesia
BREAK						
5	12:30 - 13:00	SS9	Analysis of Gender Inequality Dimensions Effect on Economic Growth Using PLS Prediction-Oriented Segmentation (PLS-POS)	Theresia Mutiara Galistya, Vita Ratnasari, and Bambang W.Otok	064	Statistics of Bali Province & Institut Teknologi Sepuluh Nopember, Indonesia
6		SS10	A Hierarchical Bayesian Binomial-Poisson Model for Small Area Estimation of Dropout Rate in Poverty	Rindang B Prasetyo, B S S Ulama, N Iriawan, H Kuswanto, and K Fithriasari	065	Statistics Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia
7	13:00 - 13:30	SS11	Hierachical Bayes for Small Area Estimation on Multinomial Responses	Ika Ayuningtyas, Ismaini Zain, and Agnes Tuti Rumiati	075	Statistics of Kutai Kartanegara Regency & Institut Teknologi Sepuluh Nopember, Indonesia
8		SS12	Dynamic Panel Data Spatial model with SEM for the percentage of poverty in East Nusa Tenggara (NTT)	Marvin J. Pandu, Setiawan, and Santi P. Rahayu	079	Institut Teknologi Sepuluh Nopember, Indonesia

ROOM: BRANTAS

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
9	14:00-14:30	SS13	The Grouping of Villages Based on KB Supporting Indicators as Basic Mapping Formation KB Village In Surabaya	Erma Oktania and Wahyu Wibowo	083	Institut Teknologi Sepuluh Nopember, Indonesia
10		SS14	Modeling The Level Open Unemployment In Cities/Districts Central Java Province With Multivariate Adaptive Regression Splines (MARS) Approach	Firda Nasuha, Madu Ratna, Erma Oktania Permatasari	097	Institut Teknologi Sepuluh Nopember, Indonesia
11	14:30 - 15:00	HS9 *	A Proportional Hazard Model with Random-Effects Using Bayesian Estimation Method for Repeated Time-to-event Data	Achmad Efendi and Rien Bathari Wiryakandhi	101	Brawijaya University, Indonesia

ROOM: SERAYU

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
1	10:30 - 11:00	TS13	Parameter Estimation on Bivariate Ordered Probit Regression Model	Panular Dinu Satomo, Vita Ratnasari, and Purhadi	045	Statistics of Sulawesi Tengah Province & Institut Teknologi Sepuluh Nopember, Indonesia
2		TS14	ANOVA Decomposition and Importance Variable Process in Multivariate Adaptive Regression Spline Modeling	Bambang Widjanarko Otok and Ayub Parlin Ampulembang	047	Institut Teknologi Sepuluh Nopember, Indonesia
3	11:00 - 11:30	TS15	Handling Overdispersion with Bivariate Poisson-Gamma Mixture Model	Yuliani S. Dewi	052	Institut Teknologi Sepuluh Nopember, Indonesia
4		TS16	Selecting Optimal Knot Points in Spline Truncated Nonparametric Regression for Longitudinal Data	Ervin Prasetyaning Astuti, I Nyoman Budiantara, and Wahyu Wibowo	054	Statistics of Kalimantan Tengah Province & Institut Teknologi Sepuluh Nopember, Indonesia
BREAK						
5	12:30 - 13:00	TS17	Simultaneous Hypothesis Testing in Spline Truncated Semiparametric Regression	Kiki Ferdiana, I Nyoman Budiantara, and R. Mohamad Atok	055	Statistics of Kalimantan Tengah Province & Institut Teknologi Sepuluh Nopember, Indonesia
6		TS18	Parameter Estimation in Geographically Weighted Panel Regression Model	Nunik Sri Rahayu, Sutikno, and Setiawan	063	Statistics of Kepulauan Riau Province & Institut Teknologi Sepuluh Nopember, Indonesia
7	13:00 - 13:30	TS19	The Characteristic Function Property of Negative Binomial-Exponential Distribution	Maiyastri, Dodi Devianto, and Deby Handayani	069	Andalas University, Indonesia
8		TS20	Assessing the Fit of GEE Approach for Latent Class Model	Jerry Dwi Trijoyo Purnomo, Chih-Rung Chen, and Guan-Hua Huang	084	National Chiao Tung University, Taiwan

ROOM: SERAYU

No	Time	Paper Code	Title	Author(s)	Submission ID	Affiliation
9	13 :30 - 14:00	TS21	Outlier Detection Using Gradual Widening Window	R Mohamad Atok, Dedy Dwi Prastyo, Azami Zaharim, and Dzuraidah A Wahab.	086	University Kebangsaan Malaysia & Institut Teknologi Sepuluh Nopember, Indonesia
10		TS22	Censoring Quantile Regression Modelling	Cintiani, Ismaini Zain, and Agus Suharsono	091	Institut Teknologi Sepuluh Nopember, Indonesia
11	14:00- 14:30	TS23	GMM Estimation of SDM Model for Simultaneous Equations	Leman Jaya, Setiawan, and Agus Suharsono	093	Statistics of Sulawesi Tenggara Province & Institut Teknologi Sepuluh Nopember, Indonesia
12		TS24	Hypothesis Test of Spline Component Parameters in Mixed Nonparametric Regression Model of Spline and Kernel	Faulina Khusniawati, I Nyoman Budiantara, and Muhammad Mashuri	095	Institut Teknologi Sepuluh Nopember, Indonesia
13	14:30 - 15:00	ES3	Detection of Wheater Extreme Changes in Sumenep Regency Using Extreme Value Theory	Iis Dewi Ratih and Sutikno	018	Institut Teknologi Sepuluh Nopember, Indonesia
14		ES4	Parameter Estimation on Spatial Extreme Value Model with Copula approach (Case Study: Rainfall Extreme in Ngawi)	Layla Fickri Amalia, Purhadi, and Sutikno	022	Institut Teknologi Sepuluh Nopember, Indonesia