

หัวข้อสัมมนา ประจำปีการศึกษา 2562  
ภาควิชาสถิติ คณะวิทยาศาสตร์  
สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง  
ห้อง 110 เวลา 13.00-16.00 น.

วันนำเสนอ	หมายเลขหัวข้อ	รหัสนักศึกษา	หัวข้อ
19 สิงหาคม 2562	T2.1	59051193	Forecasting short-term relative changes in travel time on a freeway
	T2.2	59051182	Statistical Analysis of the Volume of Passenger Air Traffic in Europe
	T2.3	59051253	Climate variability and salmonellosis in Singapore – A time series analysis
	T2.4	59051172	Statistical Process Control Application In Automotive Industry
26 สิงหาคม 2562	T2.5	59051249	Guidelines for Applying Statistical Quality Control Method to Monitor Autocorrelated Processes
	T2.6	59051213	Time series analysis of correlativity between pulmonary tuberculosis and seasonal meteorological factors based on theory of Human-Environmental Inter Relation
	T2.7	59051259	Social media and its relationship with mood, self-esteem and paranoia in psychosis
	T2.8	59051159	F tests with random sample sizes. Theory and applications
29 สิงหาคม 2562	T2.9	59051232	The Intention to Purchase Life Insurance: A Case Study of Staff in Public Universities
	T2.10	59051258	Gender differences in cycling patterns and attitudes towards cycling in a sample of European regular cyclists
	T2.11	59051192	What if you are not Bayesian? The consequences for decisions involving risk
	T2.12	58051196	Distribution and Determinants of Out-of-pocket Healthcare Expenditures in Bangladesh
2 กันยายน 2562	T2.13	59051235	Time series analysis of aerosol optical depth over New Delhi using Box-Jenkins ARIMA modeling approach
	T2.14	59051133	Application Of Statistical Quality Control (Sqc) In The Calibration Of Oil Storage Tanks
	T2.15	59051275	Estimating bayesian network parameters using EM and Gibbs sampling
	T2.16	59051247	Piecewise regression analysis through information criteria using mathematical programming
5 กันยายน 2562	T2.17	59051254	Challenges for Adopting E-Commerce in Agriculture in Nepalese Contexta: Case Study of Kathmandu Valley
	T2.18	59051196	Explaining variance in the accuracy of prediction markets
	T2.19	59051219	Effects of packaging design on sensory liking and willingness to purchase: A study using novel chocolate packaging
	T2.20	59051170	Applying Quality Improvement Tools For A Canning Plant
9 กันยายน 2562	T2.21	59051255	Blocking of factorial experiments in galvanized wire zinc weight test
	T2.22	59051251	Optimization of tensile strength in TIG welding using the Taguchi method and analysis of variance(ANOVA)
	T2.23	59051240	Heritability estimates of external egg quality traits of Exotic Laying Chickens under the influence of age variance in the tropics
	T2.24	59051136	Patient-Reported Quality of Life During Antiretroviral Therapy in a Nigerian Hospital
12 กันยายน 2562	T2.25	59051277	Using Six Sigma Methodology to Improve the Assembly Process in an Automotive Company
	T2.26	59051171	The correlation between contact stiffness and stick-slip of brake friction materials.
	T2.27	59051203	Beliefs about sources of knowledge predict motivation for learning in tecaher education
	T2.28	59051144	Alcohol use by school-going adolescents in Ghana: Prevalence and correlates

หัวข้อสัมมนา ประจำปีการศึกษา 2562  
ภาควิชาสถิติ คณะวิทยาศาสตร์  
สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง  
ห้อง 110 เวลา 13.00-16.00 น.

วันนำเสนอ	หมายเลขหัวข้อ	รหัสนักศึกษา	หัวข้อ
16 กันยายน 2562	T2.29	59051201	Adoption of E-Commerce Practices among in Indian Farmers, a Survey of Trichy District in the State of Tamilnadu, India
	T2.30	59051153	Towards the optimisation microbial fuel cells: A three-factor three-level response surface analysis design
	T2.31	59051158	Optimization of powder metallurgy processing parameters of Al2O3/Cu composite through Taguchi method with Grey relational analysis
	T2.32	59051178	Linear Regression Model using Bayesian Approach for Energy
19 กันยายน 2562	T2.33	59051175	The Distribution of District-level Leprosy Incidence in India is geometric-stable, consistent with subcriticality
	T2.34	59051261	Evaluating machine learning performance in predicting injury severity in agribusiness industries
	T2.35	59051168	Parameter Estimation in Geometric Process with Weibull Distribution
	T2.36	59051146	A model to analyze the effect of mobile banking adoption on customer interaction and satisfaction: A case study of m-banking in Iran
30 กันยายน 2562	T2.37	59051270	Statistical data preparation: Management of missing values and outliers
	T2.38	59051185	Using Bayes Theorem to Quantify and Reduce Uncertainties when Monitoring Varying Marine Environments for Indications of a Leak
	T2.39	59051189	Technology Enhanced Learning Learning in higher education; motivations, engagement and academic achievement
	T2.40	59051220	Comparison of the implementation of extra root canal treatment before and after fee schedule change in the Taiwan National Health Insurance System
3 ตุลาคม 2562	T2.41	59051200	Assessing the determinants of internet banking adoption intentions: A social cognitive theory perspective
	T2.42	59051260	Gypsum based composite materials with micro-encapsulated PCM: Experimental correlations for thermal properties estimation on the basis of the composition
	T2.43	59051152	Comparison of quality of life between myopic patients with spectacles and contact lenses, and patients who have undergone refractive surgery
	T2.44	59051148	Heavy drinking and alcohol-related injuries in college students
7 ตุลาคม 2562	T2.45	59051212	The effect of health insurance coverage and the doctor-patient relationship on health careutilization in high poverty neighborhoods
	T2.46	59051207	Positive Influences of Green Innovation on Company Performance
	T2.47	59051252	The chemical treatments combined with antagonistic yeast control anthracnose and maintain the quality of postharvest mango fruit
	T2.48	59051164	Separation of Some Phenolic Acids in Micellar Liquid Chromatography Using Design of Experiment-Response Surface Methodology
10 ตุลาคม 2562	T2.49	59051279	Judgmental selection of forecasting models
	T2.50	59051215	Application of Box-Behnken design with response surface for modeling and optimizing ultrasonic oxidation of arsenite with H2O2
	T2.51	59051179	Factor three-level response surface analysis design
	T2.52	59051186	Validity of a two-stage cluster sampling design to estimate the total number of owned dogs
14 ตุลาคม 2562	T2.53	59051176	Performance comparison of destratification fans for large spaces
	T2.54	59051250	Prescriptive analytics: Literature review and research challenges
	T2.55	59051242	Statistical process control for electron beam monitoring
	T2.56	59051228	Study on the effects of sustainability practices on the growth of manufacturing companies in urban Ghana.

หัวข้อสัมมนา ประจำปีการศึกษา 2562  
ภาควิชาสถิติ คณะวิทยาศาสตร์  
สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง  
ห้อง 110 เวลา 13.00-16.00 น.

วันนำเสนอ	หมายเลขหัวข้อ	รหัสนักศึกษา	หัวข้อ
17 ตุลาคม 2562	T2.57	59051263	Determinants of catastrophic healthcare expenditure in Peru
	T2.58	59051173	Analysis of The Adoption And Usage of Pos Terminals By Hotels In Jos
	T2.59	59051218	Screening disrupted molecular functions and pathways associated with clear cell renal cell carcinoma using Gibbs sampling.
	T2.60	59051139	Statistical Quality Control and Process Capability Analysis for Variability Reduction of the Tomato Paste Filling Process
	T2.61	59051210	Experiment of the quality control of vegetable storage based on the Internet-of-Things
			Update 9 สิงหาคม 2562 By ดร.พรพิมลฯ

## หัวข้อสัมมนา ประจำปีการศึกษา 2562

ภาควิชาสถิติ คณะวิทยาศาสตร์

สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง

ห้อง 114 เวลา 13.00-16.00 น.

วันนำเสนอ	หมายเลขหัวข้อ	รหัสนักศึกษา	หัวข้อ
19 สิงหาคม 2562	T1.1	59051161	Measurement System Analysis for Implementing Design for Six Sigma
	T1.2	59051138	The Efficiency of Artificial Neural Networks for Forecasting in the Presence of Autocorrelated Disturbances
	T1.3	59051198	Noise filtering to improve data and model quality for crowd sourcing
	T1.4	59051157	How supply chain architecture and product architecture impact firm performance: An empirical examination
26 สิงหาคม 2562	T1.5	59051180	A Hierarchical Clustering Algorithm and an Improvement of the Single Linkage Criterion to deal with Noise
	T1.6	59051199	Efficiency Comparison of Data Mining Techniques for Missing-Value Imputation
	T1.7	59051262	Forecasting the number of zoonotic cutaneous leishmaniasis cases in south of Fars province, Iran using seasonal ARIMA time series method
	T1.8	59051194	Trend Analysis and Forecasting of PM2.5 in Fuzhou, China using the ARIMA model
29 สิงหาคม 2562	T1.9	59051237	Simulation by Queuing System at Immigration Department
	T1.10	59051223	Supply chain and logistic optimization of industrial Spent Microbial Biomass distribution as a soil amendment for field crop production
	T1.11	59051181	Advances and Opportunities in Machine Learning for Process Data Analytics
	T1.12	59051208	A new statistical approach to automated quality control in manufacturing processes
2 กันยายน 3105	T1.13	59051266	Association Rule Mining for Career Choices Among Fresh Graduates
	T1.14	59051183	Optimization of a multiproduct economic production quantity problem with stochastic constraints using sequential quadratic programming
	T1.15	59051187	A Study on Classification Algorithms and Data to Predict Lung Cancer Disease
	T1.16	59051141	Forecasting of CO2 Emissions in Iran based on Time Series and Regression Analysis
5 กันยายน 2562	T1.17	59051264	Analysis of Decision Making Investment Stock using Hierarchy Process
	T1.18	59051276	Forecasting the incidence of tuberculosis in China using the seasonal auto-regressive integrated moving average (SARIMA) model
	T1.19	59051204	Time Series Analysis Of Booking Data of a Free-Floating Carsharing System in Berlin
	T1.20	59051211	Predictive Modeling of Response to Pregabalin for Treatment of Neuropathic Pain
9 กันยายน 2562	T1.21	59051234	Big Data Analytics for Program Popularity Prediction in Broadcast TV Industries
	T1.22	59051184	A Literature Survey on Missing Value Imputation Methods in Data Mining
	T1.23	59051131	Big Data, Analytics Culture and Analytic-Based Decision Making-Evidence from Australia
	T1.24	59051202	Big Data Analytics in Support of the Decision Making Process

หัวข้อสัมมนา ประจำปีการศึกษา 2562

ภาควิชาสถิติ คณะวิทยาศาสตร์

สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง

ห้อง 114 เวลา 13.00-16.00 น.

วันนำเสนอ	หมายเลขหัวข้อ	รหัสนักศึกษา	หัวข้อ
12 กันยายน 2562	T1.25	59051169	An Optimal Layout Design in an Apparel Industry by Appropriate Line Balancing: A Case Study
	T1.26	59051134	Data Quality Management, Data Usage Experience and Acquisition Intention of Big Data Analytics
	T1.27	59051217	Comparative Analysis of KNN Algorithm using Various Normalization Techniques
	T1.28	59051227	Forecasting of Daily Gold Price using Box-Jenkins Methodology
16 กันยายน 2562	T1.29	59051156	Stock Market Index Prediction using Artificial Neural Network
	T1.30	59051174	Production and logistics planning in the tomato processing industry: A conceptual scheme and mathematical mode
	T1.31	59051239	Data analytics and firm performance: An empirical study in an online B2C Platform
	T1.32	59051167	Sentiment Dynamics in Social Media News Channels
19 กันยายน 2562	T1.33	59051272	A new fuzzy time series forecasting model combined with ant colony
	T1.34	59051236	Data mining techniques applied to a manufacturing SME
	T1.35	59051229	Linear Programming-Based Cropland Allocation to Enhance Performance of Smallholder Crop
	T1.36	59051145	Air transportation demand forecast through Bagging Holt Winters Methods
30 กันยายน 2562	T1.37	59051230	A data mining-based method for revealing occupant behavior patterns in using mechanical ventilation systems of Dutch dwellings
	T1.38	59051243	Forecasting Spare Part Demand using Service Maintenance Information
	T1.39	59051163	Another look at forecast selection and combination: Evidence from forecast pooling
	T1.40	59051238	The Application of Six Sigma in Process Control of Raw Water Quality on Pharmaceutical Industry at Indonesia
3 ตุลาคม 2562	T1.41	59051195	Prediction of Tanzanian Energy demand using Support Vector Machine for Regression (SVR)
	T1.42	59051216	Filtered Clustering Based on Local Outlier Factor in Data Mining
	T1.43	59051224	Understanding Consumer Data Use in New Product Development and Product Life Cycle
	T1.44	59051188	Impact Analyses of Lean Production Systems
7 ตุลาคม 2562	T1.45	59051225	The Influence of Values on E-learning Adoption
	T1.46	59051205	IoT and agriculture data analysis for smart farm
	T1.47	59051267	Fuzzy MADM approach of Stock Ranking and Portfolio Selection in Tehran Stock Exchange
	T1.48	59051246	Gold Price Forecasting Using ARIMA Model

หัวข้อสัมมนา ประจำปีการศึกษา 2562

ภาควิชาสถิติ คณะวิทยาศาสตร์

สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง

ห้อง 114 เวลา 13.00-16.00 น.

วันนำเสนอ	หมายเลขหัวข้อ	รหัสนักศึกษา	หัวข้อ
10 ตุลาคม 2562	T1.49	59051244	Simulation Optimization for Transportation System: Real Case Application
	T1.50	59051274	Agricultural Energy Demand Modeling in Iran: Approaching to more sustainable Situation
	T1.51	59051160	Solar Photovoltaic Power Forecasting using Optimized Modified Extreme Learning Machine Technique
	T1.52	59051233	Performance Analysis of the Regression and Time Series Predictive Models using Parallel Implementation for Agricultural Data
17 ตุลาคม 2562	T1.53	59051278	Prediction of Water Quality Index by Support Vector Machine: a Case Study in the Sefidrud Basin, Northern Iran1
	T1.54	59051147	Process Improvement Applying Lean Office Tools in a Logistic Department of a Car Multimedia Components Company
	T1.55	59051191	Assessment of the influence of adaptive E-learning on learning effectiveness of primary school pupils
	T1.56	59051265	A multiple support vector machine approach to stock index forecasting with mixed frequency sampling
21 ตุลาคม 2562	T1.57	59051206	The Plant Layout of a Foundry Constraints, Operative Guideline and a Case Study
	T1.58	59051222	Preservation of confidential information privacy and association rule hiding for data mining: a bibliometric review
	T1.59	59051162	Time Series Analysis for Modeling and Forecasting International Tourist Arrivals in Sri Lanka
	T1.60	59051137	Statistical control of the production of blood components by control charts of attribute to comply with current specifications
	T1.61	59051197	Practical application of the sigma-metric run size nomogram for multistage bracketed statistical quality control analysis of eight enzyme
			Update 9 สิงหาคม 2562 By ดร.พรพิมลฯ