成功大學統計系暨數據科學研究所 103 學年度下學期專題演講名單

演講日期	演講者	服務機關	講題
2015-03-17	Prof. Galin L. Jones	University of Minnesota, School of Statistics	Bayesian Spatiotemporal Modeling Using Hierarchical Spatial Priors with Applications to Functional Magnetic Resonance Imaging
2015-03-19	鄒宗山 教授	國立中央大學統計學研究所	Expedient Universal Robust Likelihood Method for General Dispersed Count Data
2015-03-26	胡政宏 教授	國立成功大學 工業與資訊管理學系暨資訊管理研究所	Optimum Step-stress Accelerated Degradation Test for Wiener Degradation Process under Constraint
2015-04-09	黃啟南 教授	Department of Electronic and Information Engineering Hong Kong Polytechnic University	Selected Applications of Probability, Statistics, Linear Algebra, and Analysis in Wireless Technology
2015-04-16	許育進 博士	中央研究院經濟研究所	Lecture on Bootstrap
2015-04-23	王義富 博士	國立清華大學統計學研究所	Comparison of Optimal Designs between Constant-Stress and Step-Stress Accelerated Life Tests for Series Systems under Exponential Lifetime Distributions
2015-04-23	李俊毅 教授	國立嘉義大學應用數學系暨研究所	Sample size calculation for assessing differential expression analysis in RNA-seq
2015-04-30	王泰期 博士	中央研究院統計科學研究所	Some Advances of Statistical Methodologies for Community Detection in Social Networks
2015-05-14	吳鐵肩 教授	國立成功大學統計學系	從蘇格拉底到迴歸分析
2015-06-11	Dr. Tung-Lung Wu	Department of Mathematics and Statistics Mississippi State University	Tests for High-Dimensional Covariance Matrices Using Random Matrix Projection
2015-06-12	龔仁文 副執行長	資訊工業策進會	創新型社會挑戰與回應
2015-06-18	許嘉裕 助理教授	元智大學資訊管理學系	Statistical Methods and Data Mining Applications in Semiconductor Manufacturing

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演講日期	演講者	服務機關	講題
2015-08-25	陳平雲 教授	美國雪城大學數學系	Curtailed Matched Pairs Two-Stage Testing for Two Bernoulli Success Probabilities
2015-08-26	Prof. Brian Caffo	Department of Biostatistics Johns Hopkins Bloomberg School of Public Health	Am I My Connectome? Statistical Issues in Functional Connectomic
2015-10-15	邱弘毅 教授	台北醫學大學副校長 科技部生科司社會醫學學門 召集人	社會醫學學門的現況與未來
2015-10-19	石瑜 教授	Center for Quantitative Sciences Vanderbilt University School of Medicine	Big Challenges of Big Data – What are the Statistical Tasks for the Precision Medicine Era?
2015-10-23	陳順宇 教授	長榮大學企業管理學系	淺談中介與干擾效果
2015-10-26	葉菲 教授	Center for Quantitative Sciences Vanderbilt University School of Medicine	Development and Validation of Breast Cancer Prognostic Models
2015-10-29	陳曉倩 博士	Center for Quantitative Sciences Vanderbilt University School of Medicine	Two-Stage Modified Toxicity Probability Interval Design for Low Target Toxicity Rate
2015-11-05	江村剛志 教授	國立中央大學統計研究所	Asymptotic Inference for Maximum Likelihood Estimators under the Special Exponential Family with Double-Truncation
2015-11-09	Prof. Regina Liu	Department of Statistics, Rutgers University	Confidence Distribution (CD) for Fusion Learning for Data from Diverse Sources and for Bridging BFF (Bayesian/frequentist/fiducial) Inferences
2015-11-13	Prof. Junhui Wang	Department of Mathematics City University of Hong Kong	Model-free Variable Selection via Learning Gradients
2015-11-19	王力群 教授	Department of Statistics University of Manitob	Instrumental Variable Estimation in Regression Models with Categorical Response and Latent Predictors
2015-11-26	Prof. Paul Kvam	Department of Mathematics & Computer Science University of Richmond	Length Bias in the Measurements of Carbon Nanotubes
2015-12-07	張紹洪 教授	Department of Statistics The Chinese University of Hong Kong	Multiple Comparison of Treatments with Ordinal Responses

2015-12-10	Prof. Xin Chen	Department of Statistics and Applied Probability National Singapore University	Testing Constancy of Conditional Co-Variance Matrix in High Dimension
2015-12-17	傅權 教授	Department of Statistics University of Manitoba	Introduction to Finite Markov Chain Imbedding and Its Application to Matching Probability between Two Aligned DNA Sequences
2015-12-28	Prof. Qi Liu	Center for Quantitative Sciences Vanderbilt University School of Medicine	Advances and Challenges in Computational Modeling and Statistical Learning of Biological Systems
2015-12-23	謝富琪 博士	Yale-New Haven Hospital, Center for Outcomes Research and Evaluation	Health Outcomes Research - How to Build National Healthcare Quality Measures
2015-12-28	Prof. Regina Liu	Department of Statistics, Rutgers University	
2016-01-07	Prof. Sanjib Basu	Northern Illinois University	Bayesian Variable Selection in Linear and Lifetime Models

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演講日期	演講者	服務機關	講題
2016-02-18	Prof. Hakmook Kang	Department of Biostatistics and Center for Quantitative Sciences, Vanderbilt University, Nashville, TN	A Bayesian Double Fusion Spatio-Temporal Model for Resting State Brain Connectivity Using Joint Functional and Structural Data
2016-02-25	Prof. Kim-Ahn Do	Department of Biostatistics The University of Texas MD, Anderson Cancer Center	New Integrative Paradigms of Personalized Medicine for Cancer
2016-03-10	簡莉珠 博士	中央研究院 統計科學研究所	Generalization of Rare Variant Association Tests for Longitudinal Family Studies
2016-03-11	李政德 博士	中央研究院 資創中心研究員	Mining Heterogeneous Big Data for Business and Environmental Applications
2016-03-17	王彥雯 博士	中央研究院 統計科學研究所	SNP-set Detection and Association Test with Hamming Distance Information
2016-03-17	蔡偉彥 教授	Department of Biostatistics, Columbia University	The Probability of Being in Response Function and Its Applications
2016-04-07	陳律閎 教授	國立中興大學統計學研究所	Multi-dimensional Functional Principal Component Analysis
2016-04-21	吳志強 教授	元智大學管理學院 財務金融學群	The Asymmetry in Carry Trade and the U.S. Dollar
2016-04-28	張修明 博士	國立清華大學 腦科學研究中心	腦海撈真
2016-05-05	張榮茂 教授	浙江大學 數學系	Group LASSO for Structural Break Time Series
2016-05-05	梁賡義 校長	國立陽明大學	學思歷程的回顧與分享
2016-05-13	高正雄 教授	國立中正大學 數學系	(1) On the Two Statistical Principles versus Unbiasedness and Sufficiency in Light of the Rao-Blackwell Theorem (2) Correcting the Mistaken Traditional Kernel Smoothing

2016-05-23	石瑜 教授	Center for Quantitative Sciences Vanderbilt University School of Medicine	Big Data, Omics, and Precision Medicine
2016-06-02	Prof. Ying Chen	Department of Statistics and Applied Probability National University of Singapore	An Adaptive Functional Autoregressive Forecast Model to Predict Electricity Price Curves
2016-06-16	陳平雲 教授	Department of Mathematics Syracuse University, USA	A Two-Sample Two-Stage Selection & Testing Design
2016-07-04	Prof. Wenbin Lu	Department of Statistics, North Carolina State University, USA	On Optimal Treatment Regime Estimation for Heterogeneous Data
2016-07-07	Prof. Ming-Hung Kao	School of Mathematical and Statistical Sciences Arizona State University	Optimal and Efficient Designs for Functional Brain
2016-07-07	Prof. Mike K.P. So	Hong Kong University of Science and Technology (HKUST)	Bayesian Analysis of Mixture Covariance Models and Its Financial Applications

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演講日期	演講者	服務機關	講題
2016-09-14	石瑜 教授	Vanderbilt Center for Quantitative Sciences / Vanderbilt Technologies for Advanced Genomics Analysis and Research Design	Big Data, Omics, and Precision Medicine
2016-09-29	陳玉英 特聘教授	國立中央大學統計研究所	Statistical Space-Time Models for Evaluating the Hazard of Aftershocks
2016-10-13	Prof. Yan Guo	Department of Cancer Biology VANGARD Technical Director for Bioinformatics Vanderbilt University, USA	Genotyping Data and Innovative Analyses
2016-10-13	林國義 教授	大數據研究中心執行長 亞洲大學經營管理系	Deep Learning for Big Data-Driven Optimization
2016-10-14	張雅梅 教授	淡江大學統計學系	台灣二氧化氮之空間分佈
2016-10-17	李宜真 博士候選人	國立清華大學統計所	Optimum Design for Accelerated Degradation Tests for a Class of Exponential Dispersion Degradation Models
2016-10-27	盧信銘 教授	國立臺灣大學資訊管理學系暨研究所	Modeling Healthcare Data Using Multiple-Channel Latent Dirichlet Allocation
2016-11-03	黃瑞卿 教授	國立東華大學財務金融學系	A logistic regression point of view toward loss given default distribution estimation
2016-11-10	Prof. Karl Zilles	Institute of Neuroscience and Medicine, Research Centre Jülich, Germany Department of Psychiatry, Psychotherapy and Psychosomatics, Medical Faculty, RWTH Aachen, Germany	MR-Based Tractography and Beyond
2016-11-17	Dr. Chien-Ju Lin (林倩如)	The Medical Research Council Biostatistics Unit, Cambridge Institute of Public Health, UK	A Pattern-Clustering Method for Longitudinal Data - Heroin Users Receiving Methadone
2016-11-25	王文達 學長	台中成大校友會顧問 (第九、十屆總幹事) 台北/台中成大校友會財經論壇社長 榕園統計文教基金會董事	台化「作手」回憶錄

2016-12-01	鐘俊江 博士候選人	國立成功大學統計所	Testing Superiority After the Confirmation of Non-Inferiority for Three-Arm Clinical Trials
2016-12-15	Prof. Chin-Shang Li	Division of Biostatistics, Department of Public Health Sciences University of California, Davis, USA	Testing Lack-of-Fit of Generalized Linear Models via Single-Index Techniques
2016-12-15	Prof. Jason C. Hsu	Department of Statistics Ohio State University, USA	Logical Inference on Efficacy in Subgroups and Their Mixtures
2016-12-19	Prof. Hakmook Kang	Department of Biostatistics, Vanderbilt University School of Medicine, USA	Simultaneous Control of Error Rates in fMRI Data Analysis
2016-12-22	Prof. Yu Shyr (石瑜 教授)	Harold L. Moses Chair in Cancer Research Director, Vanderbilt Center for Quantitative Sciences Director, Vanderbilt Technologies for Advanced Genomics Analysis and Research Design Professor of Biostatistics, Biomedical Informatics, Cancer Biology, and Health Policy Vanderbilt University School of Medicine, USA	Big Data, Omics, and Precision Medicine
2016-12-22	Dr. Li-Ching Huang (黃莉晴 博士)	Center for Quantitative Sciences, Vanderbilt University, USA	Non-Inferiority Studies with Multiple Reference Treatments
2016-12-29	Prof. Chiung-Yu Huang (黃瓊玉 教授)	Division of Biostatistics and Bioinformatics Sidney Kimmel Comprehensive Cancer Center Johns Hopkins University, USA	Recurrent Event Data Analysis with Intermittently Observed Time-Varying Covariates
2017-01-05	Dr. Ja-An Lin (林玨安 博士)	Mathematical Statistician Food and Drug Administration	Functional Mixed Effects Model for Imaging Genetic Data

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演講日期	演講者	服務機關	講題
2017-03-09	高正雄 教授	國立中正大學 數學系	(1) The Story of Big Data (2) Non-Erlang Gamma Distributions and Multivariate Beta Distributions with Applications
2017-03-14	Prof. Junji Nakano	Department of Statistical Modeling The Institute of Statistical Mathematics, Japan	Big Data Handling by R and Hadoop
2017-03-17	Dr. Fang Chen	SAS, USA	Bayesian Data Analysis and Computation
2017-03-20	溫啟仲 教授	淡江大學	Analysis of Interval-Censored Survival Data with Covariate Measurement Error
2017-04-06	99 級洪采襄 學姐 陳榮錡 專案經理	國泰金控	1.銀行資料科學(分析)的經驗分享 2.成為資料科學家的經驗分享
2017-04-13	90 級許根寧 博士	PAREXEL International（百瑞精鼎）	The Role of a Biostatistician in Clinical Research Organization
2017-04-21	程毅豪 研究員	中央研究院統計科學研究所	Constrained Maximum Likelihood Estimation for Model Calibration Using Summary-level Information from External Big Data Sources
2017-04-27	李秋嬿 主任	行政院農業委員會統計室	大數據對統計的激盪
2017-05-18	于若蓉 研究員	中央研究院人文社會科學研究中心	The Effect of Changes in Income Question on Income Nonresponse Rate: Evidence from The Panel Study of Family Dynamics
2017-05-22	Prof. Yu Shyr（石瑜 教授）	Harold L. Moses Chair in Cancer Research Director, Vanderbilt Center for Quantitative Sciences Director, Vanderbilt Technologies for Advanced Genomics Analysis and Research Design Professor of Biostatistics, Biomedical Informatics, Cancer Biology, and Health Policy Vanderbilt University School of Medicine, USA	Stretching the Limits of Statistics: Integrative Data Science for the Precision Medicine Era
2017-05-25	蔡秉真 教授	南臺科技大學財務金融系	Do Jumps in Financial Prices Cluster? Evidence from High-Frequency Data

2017-06-01	謝淑惠 助研究員	中央研究院人文社會科學研究中心	Applications of the multi-level randomized response technique 20 for sensitive measurements in Taiwan Social Change Survey
2017-06-19	Prof. Shaw-Hwa Lo （羅小華 教授）	Department of Statistics, Columbia University, USA	A Novel Approach for Big Data Variable Selection and Classification

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演講日期	演講者	服務機關	講題
2017-09-28	高竹嵐 教授	交通大學統計所	Estimating the Number of States in Hidden Markov Models via Marginal Likelihood
2017-10-05	楊緒文 博士後研究員	中央大學生醫科學與工程系	Time-Frequency Representations and Sparse Decompositions in Biomedical Data Analysis
2017-10-12	Jin-Mann Lin Research Fellow	美國疾病管制署 (CDC)	Analytical Challenges for Public Health Data
2017-10-12	黃楘智 部門經理	台積電中科與南科自動化整合部	大數據與人工智慧：統計的角色與價值
2017-10-19	英家慶 教授	逢甲大學資工系	Modeling Users' Behavior from Social Network Data
2017-10-20	Prof. Jack Lee	University of Texas MD Anderson Cancer Center	Bayesian adaptive designs – from theory to practice
2017-10-23	張源俊 研究員	中央研究院統計科學研究所	Learning and using Statistical Liberally – Exploratory and Elaborate Data Analysis
2017-10-26	陳家明 處長	皮托科技 Pitotech	大數據案例分享
2017-11-02	余清祥 教授	政治大學統計學系	統計與大數據：案例與經驗分享
2017-11-16	陳浩正 顧問	成大生輔組 & S.R 職涯管理顧問工作室	中英文履歷撰寫與面試技巧(I)
2017-11-23	張育瑋 助理教授	逢甲大學統計學系	On the Model Mis-specification and Identifiability Constraints for Multiple-group Categorical Factor Analysis Model

2017-11-30	林彥宇 副研究員	中央研究院資訊科技創新研究中心	Deep Co-occurrence Feature Learning for Visual Object Recognition
2017-12-07	蔡銘峰 副教授	政治大學資訊科學系	Textual Data Analytics in Finance
2017-12-14	賴佑明 學長	51Talk (無憂英語) 首席財務官	从凤凰城到华尔街＋ 我的中國經驗
2017-12-21	Dr. Steve Wallace	華樂絲語文顧問有限公司	Top 9 English Errors that Cause Taiwanese Research Papers to be Rejected
2017-12-22	尹國聖 教授	Department of Statistics and Actuarial Science, The University of Hong Kong	The Delaunay Triangulation Learner
2017-12-28	劉仁沛 教授	台灣大學農藝系	Two-sample Equivalence Tests of Means in High-Dimensional Data
2018-01-04	陳平雲 教授	Syracuse University	An Integrated Formulation For Comparing Bernoulli Treatments With A Control
2018-01-04	鍾俊江 講師	廈門理工學院	Three-arm Non-inferiority Trials for Multiple New Treatments with Monotonic Means

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2018-02-26	吳建福 院士	中央研究院, 喬治亞理工學院工業及系統工程系	Spatial-Temporal Kriging and Navier-Stokes Equations: A Prominent Example of Engineering Analytics
2018-03-01	Prof. Jung Jin Lee	Department of Statistics, Soongsil University	A Maximum Entropy Approach for Modelling Term Dependencies in Text Retrieval
2018-03-08	潘建興 副研究員	中央研究院統計所	A Study of the Influence of Articles in the Large-Scale Citation Network
2018-03-08	高正雄 教授	成功大學統計學系	Construction Procedure and Application of Localized Random Latin Square and Latin Cube
2018-03-15	葉倚任 助理教授	高雄師範大學數學系	Domain Adaptation for Visual Classification
2018-03-22	鍾偉和 教授	清華大學電機工程學系	綜觀金融科技及數位貨幣
2018-03-29	王義富 教授	中正大學數學系	End of Performance Prediction of Lithium-ion Batteries
2018-04-12	盧燕俐 財經專家	台新銀行數位金融部	年輕就是要理財
2018-04-12	王馨徽 教授	清華大學計量財務金融學系	Contagion, Systemic Risk and Diagnostic Tests in Large Mixed Panels
2018-04-19	王家禮 教授	東華大學應用數學系	On Nash Equilibrium for an Observable Queue with Heterogeneous Customers
2018-04-19	鴻寬、呈豐、鴻鈞科技有限公司工程師		深度學習

2018-04-26	何淮中 研究員	中央研究院統計所	Estimation of Tail Risk for Non-stationary Processes
2018-04-27	74 級 邱龍 學長	北美成大校友會聯合總會 會長 成功創新創業天使平台 執行長	How Data scientists thrive a startup?
2018-05-17	古倫維 研究員	中央研究院資訊科學所	Creating Resonance: Sentiment and Preference Guided Text Processing in Social Media
2018-05-24	許懷中 教授	逢甲大學資訊工程學系	職業棒球中的資料科學
2018-05-31	潘浙楠 教授	成功大學統計學系	管理薪傳: 教研心得與經驗分享
2018-05-31	魏武雄 教授	Department of Statistical Science, Temple University	The Use of Contemporal Aggregation for Dimension Reduction in High Dimensional Time Series
2018-06-07	劉怡君 副教授	嘉南藥理大學應用外語系	Common English Misusages in Research Paper Writing

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2018-09-20	王振安 總經理	大鐸資訊股份有限公司	智慧財產局新的全球專利系統對中小企業智財應用的影響
2018-09-27	林聖軒 醫師/教授	國立交通大學統計所	Causal Inference and Mechanism Investigation Under Time-Varying System 時變系統下的因果推論與機制分析
2018-10-04	林培生 研究員	國衛院群體健康科學研究所	A Heterogeneity Measure for Cluster Identification with Application to Disease Mapping
2018-10-11	張明中 教授	國立中央大學統計研究所	A General Theory of Multi-Stratum Factorial Design
2018-10-25	謝宗震 博士	DSP 智庫驅動	資料分析如何解決社會問題
2018-11-15	葉瑞徽 特聘教授	臺灣科技大學工業管理系	Probability Models for Switch-over Time to New Generation Products
2018-11-17	林億雄 教授	台灣首府大學教育研究所	區塊鏈的發展演進和在金融上的應用
2018-11-22	張馨文 研究員	中研院統計科學研究所	Nonparametric testing for multiple survival functionswith non-inferiority margins
2018-11-29	徐南蓉 教授	國立清華大學統計研究所	Factor Selection and Level Grouping with Applications to Golden Path in Multi-Stage-Multi-Tool Production
2018-12-20	Prof. Hideki Nagatsuka	Department of Industrial and Systems Engineering Chuo University	A Likelihood-Based Inference for the Generalized Pareto Distribution
2018-12-27	邱維辰 教授	國立交通大學資訊工程學系	Reduce Consumption in Learning: from Data, Model, and Task

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2019-02-21	楊景淇 博士候選人	Department of Statistics, Penn State University	Dimensional Analysis for Response Surface Methodology
2019-03-07	Prof. Hideatsu Tsukahara	Department of Economics, Seijo University	On Some Resampling Procedures with the Empirical Beta Copula
2019-03-14	Prof. Weng Kee Wong	Department of Biostatistics, University of California at Los Angeles	Using Animal Instincts to Find Efficient Experimental Designs for Biomedical Studies
2019-03-21	劉桂如 副總經理	南山人壽	成功屬於大膽嘗試的你!
2019-03-28	繆維中教授	台灣科技大學財務金融研究所	Corrected Discrete Approximations for Multiple Window Scan Statistics of Poisson processes with a Discussion on Their Applications
2019-04-11	何俊民科長 & 宋名傑先生	玉山銀行智能金融處	智能金融在玉山 AI Inside, Human Outside
2019-04-18	陳曉倩 博士	范德堡大學統計學系	結合 Shiny App 的臨床試驗研究及分享統計諮詢經驗
2019-05-16	黃彥棕 研究員	中央研究院統計科學研究所	A Nonparametric Approach to Semi-competing Risks via Causal Mediation Modeling
2019-05-23	李家岩 教授	國立成功大學製造資訊與系統研究所	Data Science for Delamination Diagnosis in Semiconductor Manufacturing
2019-05-30	高正雄 教授	國立國立中正大學數學系	Connecting Markov Chain to Evolution
2019-05-30	Prof. Wei-Yin Loh	Department of Statistics, University of Wisconsin-Madison	Classification and Regression Trees and Forests for Incomplete Data from Sample Surveys

2019-06-10	Prof. Dennis K.J. Lin （林共進 教授）	Department of Statistics, Penn State University	Ghost Data
2019-06-13	Chin-Shang Li, Ph.D.	School of Nursing The State University of New York, University at Buffalo Buffalo, NY14214, U.S.A.	A Semiparametric Zero-inflated Bernoulli Regression Model