June 4th Monday, Morning

8:30am – 8:55am Welcome- VEC 401 multiple purpose room

9:00am - 10:30am

High-dimensional Tensor Data Analysis
(Room VEC 404/405)

Organizer & Chair: **Xin Zhang**, Florida State U

1. **Xuan Bi** (Yale) `Multilayer Tensor Factorization with Applications to Recommender Systems'

2. **Will Wei Sun** (U Miami) 'Dynamic Tensor Clustering'

3. **Qing Mai** (FSU)`Covariate-adjusted tensor classification in high-dimensions'

High-dimensional inference: assumption-lean or assumption-laden?
(Room VEC 902/903)

Organizer: **Ryan Tibshirani** (CMU); Chair: **Jelena Bradic** (UCSD)

1. **Todd Kuffner (Washington U)** `Iinferential goals, targets, and principles in high-dimensional regression'

2. **Lucas Janson (Harvard)** 'Should We Model X in High-Dimensional Inference?'

3. **Andreas Buja (U Penn)** `Towards a Better Understanding of "High-Dimen.'' Linear Least Squares Reg.'

Modern nonparametric statistic
(Room VEC 1202/1203)

Organizer: **Richard Samworth** (Cambridge); Chair: **Zhengling Qi** (UNC)

1. **Samory Kpotufe** (Princeton) ` Regimes of label-noise determine the benefits of Active Learning'

2. **Peter Orbanz** (Columbia) `Sampling design and stochastic gradient descent for relational data'

3. **Tong Li** (Columbia) ` Statistical Properties of Maximum Mean Discrepancy with Gaussian Kernels'

New methods for directed acyclic Gaussian graph and adaptive data analysis
(Room VEC 1302/1303)

Organizer: **Yichao Wu** (UIC); Chair: **Weibin Mo** (UNC)

1. **Lev Reyzin** (UIC)`Sublinear-Time Adaptive Data Analysis'

2. **Xiaotong Shen** (U Minnesota) `Reconstruction of a directed acyclic Gaussian graph'

3. **Yunzhang Zhu** (OSU)`Convex clustering over an undirected graph'

Statistical Inference in Clustering Problems
(Room VEC 1402)

Organizer & Chair: **Jacob Bien** (Cornell)

1. **Max G'Sell** (CMU) `Inference for variable clustering under correlation-like similarities'

2. **Gourab Mukherjee** (USC) 'Large scale cluster analysis via L1 fusion penalization'

3. **Yen-Chi Chen** (UW)`Density Tree and Density Ranking in Singular Measures'

Statistical methods of integrating -omics data
(Room VEC 1403)

Organizer: **Y. Wei** (Columbia); Chair: **X. Song** (Mount Sinai)

1. **Gen Li** (Columbia)`A Statistical Framework for Leveraging Information across Multiple Traits in Genetic Studies'

2. **Pei Wang** (Mount Sinai) 'A new method for miRNA–mRNA interactions due to environmental exposures'

3. **Peter Song** (Umich) 'smFARM: Sparse Multivar. Factor Analysis Regression Model in integrative genomics analysis'

11:00am-12:30am

Recent Advances in Statistical Learning
(Room VEC 404)

Organizer: **Ming Yuan** (CMU); Chair: **Dong Xia** (UCSD)

1. **Jason Lee** (USC) `Geometry of Optimization Landscapes and Implicit Regularization of Optimization Algorithms.'

2. **Aurelie Lozano** (IBM) 'M-estimation with the Trimmed L1 penalty'

3. **Sofia Olhede** (UCL)`Methods of network comparison'

Supervised and unsupervised learning of complex data
(Room VEC 405)

Organizer & Chair: **Junhui Wang** (Citi U of HK)

1. **Yongzhao Shao** (NYU) `Systems of partially linear models with gradient boosting'

2. **Yoonkyung Lee** (OSU) 'Supervised Dimensionality Reduction for Exponential Family Data'

3. **Yuan Zhang** (FSU)`Transform-based unsupervised point registration and unseeded low-rank graph matching'

Advances in estimation and prediction for understanding complex disorders
(Room VEC 902)

Organizer: **Heping Zhang** (Yale); Chair: **Naveen Narisetty**(UIUC)

1. **Min-ge Xie** (Rutgers) `Uncertainty Quantification of Treatment Regime in Precision Medicine'

2. **Yanyuan Ma** (Penn State) 'Semiparametric Estimation in the Secondary Analysis of Case-Control Studies'

3. **Ying Wei** (Columbia)`Quantile Decision Trees and Forest'

Survival analysis with high-dimensional data
(Room VEC 903)

Organizer: **Ingrid Van Keilegom** (KU Leuven); Chair: **Ricardo Cao** (Universidade da Coruña)

1. **Lan Wang** (U Minnesota) `Robust optimal treatment regime estimation with survival outcome'

2. **Jelena Bradic** (UCSD) `Fine-Gray Competing Risks Model with High-Dimensional Covariates: Estimation and Inference'

3. **Yue Zhao** (KU Leuven) `Envelopes for censored quantile regression

Recent advances of HD statistical learning
(Hammer LL109 A/B)

Organizer & Chair: **Xiaotong Shen** (U of Minnesota)

1. **Helen Zhang** (Arizona State)`Multiclass Probability Estimation with Support Vector Machines'

2. **Hui Jiang** (UMich) 'Minimizing Sum of Truncated Convex Functions and Its Applications'

3. **Peng Wang** (U Cincinnati)` Uncertainty and Inference for High-Dimensional Models Using the Solution Paths'

June 4th Monday, Afternoon

1:45pm - 3:15pm

Modern Multivariate Statistics: Tensors and Network
(Room VEC 404)

Organizer & Chair: **Jacob Bien** (Cornell)

1. **Dong Xia** (Columbia) `Computationally Efficient Tensor Completion with Statistical Optimality'
2. **Peter Hoff** (Duke) 'Structured shrinkage of tensor parameters'
3. **Dave Choi** (CMU) 'Global Spectral Clustering for Dynamic Networks

Flexible Statistical Learning and Inference
(Room VEC 405)

Organizer: **Yufeng Liu** (UNC); Chair: **Siliang Gong** (UNC)

1. **Min Jin Ha** (MD Anderson) `Multi-layered Graphical Models'
2. **Fei Xue** (UIUC) 'Variable Selection for Highly Correlated Predictors'
3. **Xingye Qiao** (SUNY Binghamton) `Support Vector Machine with Confidence.'

Philosophy of Science and the New Paradigm of Data-Driven Science
(Room VEC 902/903)

Organizer & Chair: **Todd Kuffner** (Washington U)

1. **Deborah Mayo** (Virginia Tech) `Your Data-Driven Claims Must Still be Probed Severely'
2. **Ian McKeague** (Columbia) `On the replicability of scientific studies'
3. **Xiao-Li Meng** (Harvard) `Conducting Highly Principled Data Science: A Statistician's Job and Joy'

Advances in Bayesian methods for high-dimensional data
(Room VEC 1202/1203)

Organizer: **H. Bondell** (U Melbourne); Chair: **Xuan Bi** (Yale)

1. **Anindya Bhadra** (Purdue) `The Graphical Horseshoe Estimator for Inverse Covariance Matrices'
2. **Anirban Bhattacharya** (Texas A & M) `Scalable MCMC for Bayes shrinkage priors'
3. **Marianthi Markatou** (SUNY Buffalo) `Clustering on the Sphere: State-of-the-art and a Poisson Kernel-Based Model'

High-dimensional machine learning methods
(Room VEC 1302/1303)

Organizer & Chair: **Annie Qu** (UIUC)

1. **Yuguo Chen** (UIUC) 'Latent Space Approaches to Community Detection in Dynamic Networks'
2. **Taps Maiti** (MSU) 'Classification for High-Dimensional Functional Data'
3. **Naveen Narisetty** (UIUC) 'A unified approach for censored quantile regression'

Recent development of Statistical Neuroimaging Analysis
(Room VEC 1402/1403)

Organizer: **Lexin Li** (UC Berkeley); Chair: **Jason Lee** (USC)

1. **Ali Shojaie** (U of Washington) 'Analyzing Non-Stationary High-Dimensional Time Series…'
2. **Eric Lock** (U of Minnesota) 'Tensor-on-tensor regression'
3. **Bei Jiang** (University of Alberta) 'A Joint Modeling Approach for Baseline Matrix-valued Imaging Data and Treatment Outcome'

12:30pm – 1:45pm Lunch Break

3:15pm – 3:45pm Coffee Break at VEC Lobby

5:00pm – 6:30pm Students/Post-doc Mixer, VEC 404/405

3:45pm - 4:45pm

Keynote Speech

VEC 201 Auditorium

Michael I. Jordan

(University of California, Berkeley)

On Gradient-Based Optimization: Accelerated, Stochastic and Nonconvex

Chaired by

Annie Qu (UIUC)

June 5th, Tuesday, Morning

8:30am – 10:00am	10:30am - 11:30am

**Nonparameteric and Robust Statistical Methods for Imaging
(Room VEC 405)**

Organizer:**Hernando Ombao**(KAUST); Chair:**Wei Pan**(UMN)

1. **Mehdi Maadooliat** (Marquette University) 'Nonparametric Collective Spectral Density Estimation and Clustering with Application to Brian Activities'

2. **Zhaoxia Yu** (UC Irvine) 'A Flexible Non-parametric Framework for Imaging Genetics'

3. **Damla Senturk** (UCLA) 'Hybrid PCA of Region-Referenced Longitudinal Functional EEG Data'

**Big Data of different forms and different challenges
(ROOM VEC 1202 /1203)**

Organizer:**Regina Liu** (Rutgers); Chair:**Heping Zhang**(Yale)

1. **Annie Qu** (UIUC) 'Individualized Multilayer Learning with An Application in Breast Cancer Imaging'

2. **Catherine Chunling Liu** (Polytech U of HK) 'Efficient estimation and fast algorithms for genetic microarray data with survival outcomes'

3. **Ricardo Cao** (Universidade da Coruña) 'Nonparametric mean estimation for big-but-biased data'

**OODA: Manifold Data Integration
(ROOM VEC 1302)**

Organizer: **Marron, James Stephen** (UNC); Chair: **Anna Smith** (Columbia)

1. **Piercesare Secchi** (Politecnico di Milano) 'Random Domain Decomposition for Kriging Riemannian Data'

2. **Ruiyi Zhang** (Florida State) 'Nonparametric K-Sample Test on Riemannian Manifolds with Applications to Analyzing Mitochondrial Shapes'

3. **Chao Huang** (UNC) 'High-Dimensional Manifold Data Clustering on Symmetric Spaces'

**Advances in high-dimensional statistics
(ROOM VEC 1303)**

Organizer & Chair: **Genevera Allen** (Rice)

1. **Yufeng Liu** (UNC) 'Adaptive local estimation for high dimensional linear models'

2. **Jacob Bien** (Cornell) 'Are Clusterings of Multiple Data Views Independent?'

3. **Sijian Wang** (Rutgers) 'Regularized Robust Buckley-James method for AFT Model with General Loss Function'

**Causal Inference and Machine Learning
(ROOM VEC 1402)**

Organizer: **Ryan Tibshirani** (CMU); Chair: **Vincent Joseph Dorie (**Columbia**)**

1. **Edward Kennedy** (CMU) 'Nonparametric causal effects based on incremental propensity score interventions'

2. **Stefan Wager** (Stanford) 'Quasi-Oracle Estimation of Heterogeneous Causal Effects'

3. **Yu-Xiang Wang** (Amazon/UCSB) 'Off-policy Learning in Theory and in the Wild'

**Decision making, operations research and statistical learning
(ROOM VEC 1403)**

Organizer & Chair: **Cynthia Rudin** (Duke)

1. **Theja Tulabandhula** (UIC) 'Online Learning of Buyer Behavior under Realistic Pricing Restrictions'

2. **Adam Elmachtoub** (Columbia) 'Smart "Predict, then Optimize" '

3. **Brian Segal** (Flatiron Health) 'P-splines with an l1 penalty for repeated measures'

Keynote Speech

VEC 401 multiple purpose room

**David Madigan
(Columbia University)**

Honest learning for the healthcare system: large-scale evidence from real-world data

**Chaired by
Tian Zheng (Columbia)**

June 5th, Tuesday, Afternoon

1:15pm - 2:45pm

Novel inference approaches for complex data setting
(ROOM VEC 1202/1203)

Organizer: **Regina Liu** (Rutgers); Chair: **Junhui Wang** (City U. of Hong Kong)

1. **Ricardo Fraiman** (Universidad de la República de Uruguay) 'Connecting pairwise spheres by depth: DCOPS'
2. **Emre Barut (George Washington University)** 'Stein Discrepancy Methods for Robust Estimation and Regression'
3. **Aurore Delaigle** (U of Melbourne) 'Estimating a covariance function from fragments of functional data'

New development for analyzing biomedical complex data
(ROOM VEC 1302)

Organizer: **Zhezhen Jin** (Columbia); Chair: **Peng Wang** (University of Cincinnati)

1. **Xiaonan Xue** (Albert Einstein College of Medicine) 'New methods for estimating follow-up rates in cohort studies'
2. **Mengling Liu** (New York University) 'Mediation analysis with time-to-event mediator'
3. **Tao Wang** (Albert Einstein College of Medicine) 'Adjustment for covariates in genome-wide association study'

New Statistical Machine Learning Tools
(ROOM VEC 201)

Organizer & Chair: **Liu, Yufeng** (UNC)

1. **Genevera Allen** (Rice) 'Inference, Computation, and Visualization for Convex Clustering and Biclustering'
2. **Guan Yu** (SUNY Buffalo) 'High-dimensional Cost-constrained Regression via Non-convex Optimization'
3. **Heping Zhang** (Yale) 'Modeling Hybrid Traits for Comorbidity and Genetic Studies of Alcohol and Nicotine Co-Dependence'

Functional Data Analysis in Action
(ROOM VEC 1402)

Organizer & Chair: **Kehui Chen** (U of Pitt)

1. **Jane-Ling Wang** (UC Davis) 'Brain Functional Connectivity -- The FDA Approach'
2. **Daniel Gervini** (U of Wisconsin at Milwaukee) 'Functional Data Methods for Replicated Point Processes'
3. **Hans Mueller** (UC Davis) 'Frechet Regression for Time-Varying Covariance Matrices: Assessing Regional Co-Evolution in the Developing Brain'

Statistical Learning and Genomics
(ROOM VEC 1403)

Organizer: **Ji Zhu** (Umich); Chair: **Bing Li** (Penn State)

1. **Umut Ozbek** (Mount Sinai) 'Proteomics and Genomics Integration for Translational Cancer Research'
2. **Xiaoyu Song** (MSSM) 'What can we gain from proteogenomics prediction? The downstream analysis of NCI-CPTAC Proteogenomics DREAM Challenge'
3. **Wei Pan** (U of Minnesota) 'An empirical comparison of deep neural networks and other supervised learning methods'

3:15pm - 4:45pm

Recent advances in high-dimensional data
(ROOM VEC 1202)

Organizer: **Cunhui Zhang** (Rutgers); Chair: **Sijian Wang** (Rutgers)

1. **Pierre Bellec** (Rutgers) 'The noise barrier and the large signal bias of the Lasso and other convex estimators'
2. **Yuan Liao** (Rutgers) 'Factor-Driven Two-Regime Regression'
3. **Jiashun Jin** (CMU) 'Network Analysis by SCORE'

Interpretable modeling and understanding variables
(ROOM VEC 1203)

Organizer & Chair: **Cynthia Rudin** (Duke)

1. **Aaron Fisher** (Harvard) 'Model Class Reliance: Variable Importance when all Models are Wrong, but *Many* are Useful'
2. **Tong Wang** (U Iowa) 'Feature-Efficient Multi-value Rule Sets for Interpretable Classification'
3. **Cynthia Rudin** (Duke) 'Recent Work on Interpretable Machine Learning Models'

Statistical Inference for High-Dimensional Data
(Room VEC 1302)

Organizer & Chair: **Jeff Simonoff** (NYU)

1. **Xi Chen** (NYU) 'Quantile Regression for big data with small memory'
2. **Joshua Loftus** (NYU) 'Inference after cross-validation'
3. **Yihong Wu** (Yale) 'Optimal estimation of Gaussian mixtures via denoised method of moments'

New Development on Neuroimage Data Analysis
(ROOM VEC 1303)

Organizer: **Zhu, Hongtu**(MD Anderson); Chair: **Xuan Bi**(Yale)

1.**Tingting Zhang** (UVA) 'A Low-Rank Multivariate General Linear Model forMulti-Subject fMRI Data and a Non-Convex Optimization Algorithm for Brain Response'
2. **Zhengwu Zhang** (Rochester) 'Nonparametric Bayes Models of Fiber Curves Connecting Brain Regions'
3. **Dehan Kong** (U Toronto) 'Supervised Principal Component Regression for Functional Data with High Dimensional Predictors'

Spectral Clustering, Graphical Models, and Hierarchical Interactions
(ROOM VEC 1402)

Organizer: **Lingzhou Xue** (Penn State); Chair: **Kuang-Yao Lee** (Temple)

1. **Hongyu Zhao** (Yale) 'Spectral clustering based on learning similarity matrix'
2. **Bing Li** (Penn State) 'Copula Gaussian Graphical Models for Functional Data'
3. **Lingzhou Xue** (Penn State) 'Learning Nonconvex Hierarchical Interactions'

Data Science in IT Industries
(ROOM VEC 1403)

Organizer: **David Banks**(Duke); Chair:**Genevera Allen**(Rice)

1. **Julie Novak** (Netflix) 'Using Data Science to Improve Streaming Quality at Netflix'
2. **Tim Au** (Google) 'Random Forests, Decision Trees, and Categorical Predictors: The "Absent Levels" Problem'
3. **David Banks** (Duke University and SAMSI) 'The Challenge of Educating Data Scientists for Industry'

2:45pm - 3:15pm Coffee Break at VEC Lobby

5:00pm – 6:30pm Poster Section, VEC 401 Multiple Purpose Room (Sponsored by Two Sigma)

6:30pm -9:30pm Conference Banquet at Columbia University Faculty House (64 Morningside Drive)

June 6th, Wednesday, Morning

8:30am – 10:00am

Machine Learning and Precision Medicine
(ROOM VEC 404 /405)

Organizer & Chair: **Haoda Fu** (Eli Lilly)

1. **Donglin Zeng** (UNC) 'Support vector machines for learning optimal individualized treatment rules with multiple treatments'

2. **Haoda Fu** (Eli Lilly) 'Individualized Treatment Recommendation (ITR) for SurvivalOutcomes'

3. **Yuanjia Wang** (Columbia) 'Estimation and Evaluation of Linear Individualized Treatment Rules to Guarantee Performance'

Advances in Nonparametric Statistics and their Applications
(ROOM VEC 902/903)

Organizer: **Narisetty, Naveen** (UIUC); Chair: **Fei Xue** (UIUC)

1. **Roger Koenker** (UIUC and UCL) 'Fly-By-Night Life Insurance and the NPMLE for Weibull Frailty Models'

2. **Christopher Kinson** (UIUC) 'Learning from Dr. Martin Luther King Jr: Text analysis and statistical approaches for civil rights'

3. **Stanislav Volgushev** (U Toronto) 'Inference on the dependence structure of time series extremes'

Recent advances in spectral methods for complex data
(ROOM VEC 1202 /1203)

Organizer: **Yuekai Sun** (UMich); Chair: **Edgar Dobriban** (Upenn)

1. **Geoff Schiebinger** (MIT) 'Analyzing Developmental Processes with Optimal Transport'

2. **Edgar Dobriban** (Wharton) 'How to select the number of components in PCA and factor analysis? Understanding and improving permutation methods'

3. **Austin Benson** (Cornell) 'Higher-order spectral graph clustering with motifs'

New machine learning methods
(ROOM VEC 1302)

Organizer & Chair: **Annie Qu** (UIUC)

1. **Quoc Tran-Dinh** (UNC) 'Generalized self-concordant optimization and its applications in statistical learning'

2. **Yixin Fang** (New Jersey Institute of Technology) 'On Scalable Inference with Stochastic Gradient Descent'

3. **Junhui Wang** (City U. of Hong Kong) 'Scalable Kernel-based Variable Selection with Sparsistency'

New directions in functional data analysis
(ROOM VEC 1402)

Organizer: **Tailen Hsing** (UMich); Chair: **Vincent Joseph Dorie (**Columbia**)**

1. **Kehui Chen** (U of Pitt) 'Nonparametric covariance estimation for mixed longitudinal studies'

2. **Matthew Reimherr** (Penn State) 'Functional Data Analysis with Highly Irregular Designs with Applications to Head Circumference Growth'

3. **Hao Ni** (UCL) 'Supervised Learning on the Path Space and its Applications'

10:30am - 11:30am

Keynote Speech

VEC 401 multiple purpose room

Liza Levina
(University of Michigan)

Matrix completion in network analysis

Chaired by
Ying Wei (Columbia)

June 6th, Wednesday, Afternoon

1:15pm - 2:45pm	3:15pm - 4:45pm	
Modern Approaches for Inference and Estimation **(ROOM VEC 404/405)** Organizer & Chair: **Genevera Allen** (Rice) 1. **Yang Ning** (Cornell) 'High-Dimensional Propensity Score Estimation via Covariate Balancing' 2. **Gautam Dasarthy** (Rice University) 'Interactive algorithms for graphical model selection' 3. **Will Fithian** (UCB) 'AdaPT: An interactive procedure for multiple testing with side information'	**New insights into classical statistical methods** **(ROOM VEC 404/405)** Organizer & Chair: **Qing Mai** (Florida State U) 1. **Yiyuan She** (Florida State U) 'Rank-constrained inherent clustering paradigm for supervised and unsupervised learning' 2. **Yun Yang** (Florida State U) 'Fast and Optimal Bayesian Inference via Variational Approximations' 3. **Xin Zhang** (Florida State U) 'An Iterative Penalized Least Squares Approach to Sparse Canonical Correlation Analysis'	**End of the Conference**
Functional and high dimensional data **(ROOM VEC 1403)** Organizer & Chair: **Aurore Delaigle** (U of Melbourne) 1. **Emad Abdurasul** (James Madison University) 'Small Sample Confidence Intervals for the ACL (Abduskhurov, Cheng, and Lin) Estimators Under the Proportional Hazards Model' 2. **Sophie Dabo-Niang** (Université Lille 3)' Binary functional linear models in a stratified sampling setting' 3. **Patrice Bertail** (Université Paris Nanterre) 'Functional CLT and sharp bounds for some (conditional Poisson) survey sampling plans with applications to big (tall) data'	**New developments for large complex data** **(ROOM VEC 902)** Organizer & Chair: **Annie Qu** (UIUC) 1. **Jiwei Zhao** (SUNY, Buffalo) 'Point and Interval Estimations for Individualized MCID' 2. **Doug Simpson** (UIUC) 'Robust Probabilistic Classification for Irregularly Sampled Functional Data' 3. **Francesca Petralia** (Mount Sinai) 'A new method for constructing gene co-expression networks based on samples with tumor purity heterogeneity'	
Machine learning, classification and designs **(ROOM VEC 1202 /1203)** Organizer & Chair: **Annie Qu** (UIUC) 1. **Ying Hung** (Rutgers) 'Efficient Gaussian Process Modeling using Experimental Design-based Subagging' 2. **Irina Gaynanova** (Texas A&M) 'Structural Learning and Integrative Decomposition of Multi-View Data' 3. **Adam Rothman** (U. of Minnesota) 'Shrinking characteristics of precision matrix estimators'	**Statistical inference and complex data structures** **(ROOM VEC 1303)** Organizer: **Eric Laber** (NCSU); Chair: **Yubai Yuan** (UIUC) 1. **Kristin Linn** (UPenn) 'Inter-modal Coupling: A Class of Measurements for Studying Local Covariance Patterns Among Multiple Imaging Modalities' 2. **Jeff Goldsmith** (Columbia University) 'Modeling Heterogeneity in Motor Learning using Heteroskedastic Functional Principal Components' 3. **Yichi Zhang** (Harvard) 'Prior Adaptive Semi-supervised Learning with Application to Electronic Health Records Phenotyping'	
Statistics in neuroscience and microbiome research at the Flatiron Institute **(ROOM VEC 1303)** Organizer & Chair: **Christian L. Müller** (Flatiron Institute, Simons Foundation) 1. **Cengiz Pehlevan** (Simons Foundation) 'Neural representation learning as kernel alignment' 2. **Aditya Mishra** (Flatiron Institute) 'Robust regression with compositional covariates' 3. **Eftychios Pnevmatikakis** (Simons Foundation) 'Online deconvolution and demixing of calcium imaging data in real time'	**Causal inference and statistical learning** **(ROOM VEC 1402)** Organizer & Chair: **Cynthia Rudin** (Duke) 1. **Chris Wiggins** (Columbia & NY Times) 'Teaching History and Ethics of Data, with Python' 2. **Ben Letham** (Facebook data science) 'Bayesian optimization and A/B tests' 3. **Alex Volfovsky** (Duke) 'Causal inference from complex observational data'	
Recent Advances in Statistical Network, Functional and High-dimensional Data Analysis **(ROOM VEC 1402)** Organizer: **Ji Zhu** (Umich); Chair**: Yujia Deng** (UIUC) 1. **George Michailidis** (U of Florida) 'Factor Augmented Vector Autoregressive Models under High' 2. **Edoardo Airoldi** (Harvard) 'Model-assisted design of experiments on networks and social media platforms' 3. **Gareth James** (USC) 'Correcting Selection Bias via Functional Empirical Bayes'		

2:45pm - 3:15pm Coffee Break at VEC Lobby