

March 7, Thursday	Event (Venue: Primrose, Level C, Cliff Lodge)
4:45 pm – 5:00 pm	Welcome
5:00 pm – 6:20 pm	Poster Slam I
6:30 pm - 8:15 pm	Dinner and Poster Viewing

March 8, Friday	Event (Venue: Primrose, Level C, Cliff Lodge)
7:00 am	Breakfast
7:30 am – 8:55 am	Session I: Platform Analytics
	<u>Mingwen Yang, Eric Zheng, Vijay Mookerjee</u>: The Transparency-Revenue Conundrum in Social Trading: Implications for Platforms and Investors
	<u>Keran Zhao, Yuheng Hu, Yingda Lu, Yili Hong</u>: Understanding the Dynamic Competition in Live Streaming Platform
	<u>Gorkem Turgut Ozer, Brad N. Greenwood, Anand Gopal</u>: Digital Multisided Platforms and Women's Health: An Empirical Analysis of Peer-to-Peer Lending and Abortion Rates
	<u>Onkar Malgonde, He Zhang, Balaji Padmanabhan, Moez Limayem</u>: Multisided Recommendations: Nudging Agents on Multi-sided Platforms to Improve Platform Performance
	<u>Lauren Dahlin, Lauren Rhue, Jessica Clark</u>: Crowdfunding Community Formation: Fundraiser Race and Gender Homophily
	10 min break
9:05 am – 10: 50 am	Session II: Multi-media and Social-media Analytics
	<u>Jiexin Zheng, Rong Zheng</u>: Improving Face Recognition with Spatiotemporal Information in Video Data
	<u>Yiting Guo, Yilin Li, De Liu, Xin Sean Xu</u>: Are Callers in a Mode? An Emotion Detection Approach to Call Center Service Quality
	<u>Sang Pil Han, Sungho Park, Seok Kee Lee, Sunghoon Kim, Sanghak Lee, Byoung Hee Lee, Sanghyun Cho</u>: Assessing the Impact of Public Opinion Manipulation by Bot-Assisted Abusers in an Online Commenting Platform
	<u>Anthony Weishampel, Bill Rand</u>: Combating Social Media Bots
	<u>Aindrila Chakraborty, Sudip Bhattacharjee, Raghu Santanam</u>: Senator, Please Protect My Data: A Textual Analysis of Factors That Help in Passing Data Protection Legislation
	<u>Gijs Overgoor, Bill Rand, Willemijn Van Dolen</u>: The Champion of Images: Understanding the Role of Images in the Decision-making Process of Online Hotel Bookings
10: 50 am	Optional Winter Sport
5:00 pm – 6:20 pm	Poster Slam II
6:30 pm - 8:15 pm	Dinner and Poster Viewing

March 9, Saturday	Event (Venue: Primrose, Level C, Cliff Lodge)
7:00 am	Breakfast
7:30 am – 8:20 am	Session III: Transportation Analytics
	<u>Konstantina Valogianni, Alok Gupta, Wolfgang Ketter, Soumya Sen, Eric van Heck</u>: Real-time Electric Vehicle Charging Using Optimal Grid Resources
	<u>Rajeev Kumar</u>: A Collaborative Approach of Assigning Electric Scooters to Individual Chargers
	<u>Katherine Hoffmann Pham, Panagiotis Ipeirotis, Arun Sundararajan</u>: Ridesharing and the Use of Public Transportation
	5 min break

8:25 am- 9:35 am	Session IV: Business Analytics Methodology
	Edward McFowland III, Sandeep Gangarapu, Ravi Bapna, Tianshu Sun: <i>A Prescriptive Analytics Framework for Optimal Policy Deployment using Heterogeneous Treatment Effects</i>
	Mochen Yang, Edward McFowland III, Gordon Burtch, Gediminas Adomavicius: <i>Generating Instrumental Variables via Random Forest to Address Endogeneity due to Prediction Error in Data-Mined Variables</i>
	Jerry Luo, Xuan Wei, Susan Brown, Daniel Zeng, Junming Yin: <i>Towards Better Learning from Crowd Labeling: A Variational Inference Approach</i>
	Ali Tafti, Galit Shmueli: <i>Beyond Overall Treatment Effects: Leveraging Covariates in Randomized Experiments Guided by Causal Structure</i>
	5 min break
9:40 am – 10: 30 am	Session V: Network Analytics
	Yuanyang Liu, Olivia Sheng, Gautam Pant: <i>The Effect of Skilled Immigrants and IT Skills on Employee Retention</i>
	Mark Pfaendler, Mathias Kraus, Stefan Feuerriegel: <i>Data-Driven Credibility Assessments in Social Media: A Structural Neural Network</i>
	John Rios, Kang Zhao, Nick Street: <i>Predicting Stock Price Movements via Multi-relational Inter-firm Networks</i>
10:30 am	Optional Winter Sport
5:00 pm – 7:00 pm	Session VI: Marketing Analytics
	Kunpeng Zhang, Wendy Moe: <i>Measuring Brand Favorability Using Large-Scale Social Media Data</i>
	Teng Huang, David Bergman, Ram Gopal: <i>Predictive and Prescriptive Analytics for Location Selection of Add-on Retail Products</i>
	Xuan Bi, Gediminas Adomavicius, William Li, Annie Qu: <i>A Temporal Latent Factor Modeling Approach to Product Sales Forecasting</i>
	David Holtz, Ruben Lobel, Sinan Aral: <i>Reducing Bias in Algorithmic Pricing Experiments in an Online Marketplace</i>
	Tao Chen, Jeffrey Parsons: <i>Attribute-based Personalization of Online Product Reviews</i>
	Sungho Park, Sang Pil Han, Ranjit Christopher, Bradley Fay: <i>The Incremental Impact of Digital Ad Impressions under Programmatic Real-Time Bidding: A Frequency-Caps Based Identification</i>
	Veronica Marotta, Vibhanshu Abhishek, Alessandro Acquisti: <i>The Impact of Tracking Technologies on Online Publishers: An Empirical Analysis</i>
7:00 pm – 8:30 pm	Dinner and Award Announcement

Poster Slam I: List of Posters

No.	Title	Author
1	Analytics of Dark Data: Online Learning Experiments with a Social Platform for Videos	Stephanie Anandel, Balaji Padmanabhan, Paul Spector, Triparna de Vreede, Gert-Jan de Vreede, Vivek Singh
2	Delaying Informed Consent: An Empirical Investigation of Mobile Apps' Upgrade Decisions	Raveesh Mayya, Siva Viswanathan
3	The Role of Relational and Individual Characteristics in Job Placements—A Case Study with Faculty Hiring	Zhiya Zuo, Kang Zhao, Gautam Pant, Yuanyang Liu
4	Persistence of Consumer Preference Biases Caused by Recommender Systems	Gediminas Adomavicius, Jesse Bockstedt, Shawn Curley, Jingjing Zhang

5	Leveraging the Third Dimension: Opportunities and Guidelines for 3D Analytics	Gunther Gust, Tobias Brandt, Otto Koppius, Stefan Feuerriegel, Markus Rosenfelder, Adriano Kaulich, Dirk Neumann
6	Making Artificial Intelligence Explainable for Digital Pathology: The Case of Tumor Image Classification via Deep Learning	Shaokun Fan, Kunpeng Zhang, J Leon Zhao
7	Adaptive Causal Inference for Big Observational Data: A Deep Learning Approach	Hao Wu, Tianshu Sun, Jinchu Lv
8	Not-so-Dumb Money: Beating the Competition with Talent Acquisition	Taha Havakhor, Mohammad Rahman
9	Social Media Sharing and Online News Consumption	Sinan Aral, Michael Zhao
10	An Intelligent Conversation Engineering Framework for Developing Dialogue Systems	Harry Wang
11	Demand Cycles in Bicycle Sharing	James Westland, Jian Mou, Dafei Yin
12	Not Registered? Please Sign-up Now: A Randomized Field Experiment on the Timing of Registration Request	Probal Mojumder, Ni Huang, Tianshu Sun, Jinchu Lv, Joseph Golden
13	Talk Your Way to Serial Success: Creator Post-campaign Interaction in Crowdfunding	Onochie Fan-Osuala, Daniel Zantedeschi, Wolfgang Jank
14	Virtual Item Recommender Engine: A Heterogeneous Network Embedding Perspective	Vidit Mehta, Kunpeng Zhang
15	A Process Mining Framework for Communication Pattern Analysis in Online Contact Centers	Noyan Ilk, Shaokun Fan
16	Personality Driven Rich-Media Content Engineering: Consumption Prediction and Economic Analysis	Haris Krijestorac, Rajiv Garg, Maytal Saar-Tsechansky
17	On Ranking Experts by Decision-Making accuracy with Partial Ground Truth	Wanxue Dong, Maytal Saar-Tsechansky
18	Acquiring Human Intelligence for Machine Learning in Online Labor Markets	Ruijiang Gao, Maytal Saar-Tsechansky
19	Graph Analytics of Chronic Asthma and Comorbid Diseases for Prevention and Management of Costs and Treatments	Christopher Westland, Eric See-To
20	Collaboration at Scale: Understanding how Virtual Teams Organize and Coordinate for Quality Content Production	Chris Dellarocas, Qiqi Jiang, Juliana Sutanto
21	No Longer Riding Dirty: The Effect of Electronic Vehicle Subsidies on Automobile Markets	Xi Wu, Jing Gong, Brad Greenwood, Yiping Song
22	Novelty Detection in Online Reviews and Review Helpfulness	Yagmur Ozdemir, Sumit Sarkar
23	A Hierarchical Model of The Federal Funds Market	Saurav Chakraborty, Donald Berndt, David Boogers
24	Not this FUD Again! How Internet Forum Posts Drive Bitcoin Price Fluctuations	Nicolas Prollochs, Jan Calliess
25	Running (on) Empty: Designing a Sustainable Backhaul Framework using Telematics Sensor Data and Analytics	Sudip Bhattacharjee, Robert W. Day, Mohsen Emadikhav

Poster Slam II: List of Posters

No	Title	Authors
1	IoT Network Attack Detection Using FDA and Wavelets	Saurav Chakraborty, Agnieszka Onuchowska, Wolfgang Jank, Utkarsh Shrivastava

2	Identifying Privacy Leakage from User-Generated Content in An Online Health Community – A Deep Learning Approach	Xi Wang, Xing Tong, Yushan Zhu
3	Predicting User-Generated Book Adoption in A Social-Commerce Platform Based on Graph Convolutional Network	Yibo Chai, Xi Wang, Yang Wang
4	Optimal Critical Peak Pricing (CPP) Program Design in Constrained Electricity Systems Using Time-Dependent Demand Response Functions and Reinforcement Learning	Marie-Louise Arlt, Gunther Gust, Dirk Neumann
5	Dynamic Aggregation of Consumer Ratings with Bayesian Non-Parametrics	Christof Naumzik, Stefan Feuerriegel, Markus Weinmann
6	Reputation on Airbnb: Where Every Stay is Above Average	Georgios Zervas, Davide Proserpio, John Byers
7	Cryptocurrency Market Price Signals for Signal-to-Noise Ratio on Twitter	Abdallah Musmar, He Zhang, Balaji Padmanabhan, Wolfgang Jank
8	How Do Bricks Add to Clicks? Understanding the Impact of Showrooming on Online Purchase Behaviors	Jason Chan, Yaqiong Wang, Kaiquan Xu, Xi Chen
9	Predictive Analytics and Resource Coordination During Hospital Handoffs	Corey Angst, Idris Adjerid, Nick Berente, Ralph Gross
10	Displaying Reviews Along the Customer Conversion Funnel: Three Randomized Field Experiments	Probal Mojumder, Tianshu Sun, Jinchi Lv, Joseph Golden
11	Digital Gentrification: Do People Vote with their Clicks in Response to Online Opinion Rigging?	Sang Pil Han, Sanghak Lee, Seok Kee Lee, Sungho Park, Sunghoon Kim, Dahae Jeong, Byoung Hee Lee, Sanghyun Cho
12	The Role of Religion in Prosocial Lending	Amin Sabzehzar, Gordon Burtch, Yili Hong, Raghu Santanam
13	Social Credit Systems in Mobile Platforms for Microlending USA	Chris Westland, Tuan Phan, Tianhui Tan
14	Firm Competition, Isomorphism, and Divergence on Social Media Platforms	Mikhail Lysyakov, Kumpeng Zhang, Siva Viswanathan
15	Platform Valuation and Network Effects	Zhou Zhou, Marshall Van Alstyne
16	Rocket Ship or Blimp? Implications of Malicious Accounts Removal on Twitter	Agnieszka Onuchowska, Donald Berndt, Sagar Samtani, Saurav Chakraborty
17	Data-Driven Patient Selection for Preventive Care: The Case of Diabetes Mellitus Type II	Mathias Kraus, Stefan Feuerriegel, Maytal Saar-Tsechansky
18	Behavior Mining for Policy Development	Sameer Borwankar, Alok Chaturvedi, Brian Armstrong
19	SCARF: Accidental Data Leak Protection in Cloud Computing	Vivek Singh, Kaushik Dutta
20	A Deep Strategy for Text-Based Industry Classification	Xiao Fang, Xiaohang Zhao, Roger Silvers, Jing He, Olivia Sheng
21	A Graphical Model for Topical Impact over Time	Zhiya Zuo, Kang Zhao
22	Shock Prediction Using Vital Sign Time Series	Iris Bennett, William Rand