

AGENDA
JUNE 6
MORNING

INFORMS REVENUE MANAGEMENT AND PRICING CONFERENCE

TIME	SESSION																																			
8:00–8:30am	Breakfast																																			
8:30–10:00am	<table><thead><tr><th>Track 1</th><th>Track 2</th><th>Track 3</th><th>Track 4</th><th>Track 5</th></tr></thead><tbody><tr><td><i>North Building, N302 (Oberndorf A/B)</i></td><td><i>North Building, N302 (Oberndorf C)</i></td><td><i>McClelland Building, M104</i></td><td><i>McClelland Building, M105</i></td><td><i>Zambrano Building, Z301</i></td></tr><tr><td>Context-Based Dynamic Pricing with Online Clustering, Sentao Miao, Xi Chen, Xiuli Chao, Jiayi Liu and Yidong Zhang</td><td>Reoptimization Algorithms for Contextual Bandits with Knapsack Constraints, Zhen Xu and Van-Anh Truong</td><td>The Second-Price Knapsack Problem: Near-Optimal Real Time Bidding in Internet Advertisement, Jonathan Amar, Nicholas Renegar and Haihao Lu</td><td>Network Revenue Management with Online Inverse Batch Gradient Descent Method, Yiwei Chen and Cong Shi</td><td>A Dynamic Mechanism for On-Demand Service Pooling, Mustafa Dogan and Alexandre Jacquillat</td></tr><tr><td>A New Approach to High Dimensional Dynamic Pricing, Yilun Chen and David Goldberg</td><td>Mostly Exploration-Free Algorithms for Contextual Bandits, Hamsa Bastani, Mohsen Bayati and Khashayar Khosravi</td><td>Pricing of Bundles: The Roles of Consumers' Heterogeneity and Competition, Diego Escobari, Paan Jindapon and Nicholas Rupp</td><td>A Re-Solving Heuristic with Uniformly Bounded Loss for Network Revenue Management, Pornpawee Bumpensanti and He Wang</td><td>Pricing in a Mixed Logit Demand Model with Network Effects, William Cooper, Fatemeh Nosrat and Zizhuo Wang</td></tr><tr><td>Bounding the Value of Observability in a Dynamic Pricing Problem, Dana Maria Pizarro, Jose Correa and Gustavo Vulcano</td><td>Adaptive Influencer Marketing with Intermediary Constraints, Shatian Wang, Zhen Xu and Van-Anh Truong</td><td>The Anheuser Busch Inbev Trailer Problem: Greedy Algorithms for Online Resource Allocation and Inventory Selection, Xingxing Chen, Jacob Feldman, Seung Hwan Jung and Panos Kouvelis</td><td>Approximation Algorithms for Network Revenue Management, Huseyin Topaloglu, Yuhang Ma, Paat Rusmevichientong and Mika Sumida</td><td>A Tale of Timescales: Surge Pricing and Dynamic Matching for Hotspot Demand Shock in Ride-Hailing Networks, Philipp Afèche, Zhe Liu and Costis Maglaras</td></tr><tr><td>Dynamic Freight Pricing at Amazon, Roger Lederman, Tara Mardan and Tim Jacobs</td><td>Multinomial Logit Contextual Bandits, Min-Hwan Oh and Garud Iyengar</td><td>The Role of Participation in Crowdsourcing Contests, Konstantinos Stouras, Jeremy Hutchison-Krupat and Raul Chao</td><td>Distribution-Free Algorithms in Network Revenue Management, Jonathan Amar and Nikolaos Trichakis</td><td>Dynamic Double Auctions: Towards First Best, Santiago Balseiro, Vahab Mirrokni, Renato Paes Leme and Song Zuo</td></tr><tr><td></td><td></td><td></td><td>Robust Optimization in Network Revenue Management, Simos Zachariades, Christine Currie and Joerg Fliege</td><td></td></tr></tbody></table>	Track 1	Track 2	Track 3	Track 4	Track 5	<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>McClelland Building, M104</i>	<i>McClelland Building, M105</i>	<i>Zambrano Building, Z301</i>	Context-Based Dynamic Pricing with Online Clustering , Sentao Miao, Xi Chen, Xiuli Chao, Jiayi Liu and Yidong Zhang	Reoptimization Algorithms for Contextual Bandits with Knapsack Constraints , Zhen Xu and Van-Anh Truong	The Second-Price Knapsack Problem: Near-Optimal Real Time Bidding in Internet Advertisement , Jonathan Amar, Nicholas Renegar and Haihao Lu	Network Revenue Management with Online Inverse Batch Gradient Descent Method , Yiwei Chen and Cong Shi	A Dynamic Mechanism for On-Demand Service Pooling , Mustafa Dogan and Alexandre Jacquillat	A New Approach to High Dimensional Dynamic Pricing , Yilun Chen and David Goldberg	Mostly Exploration-Free Algorithms for Contextual Bandits , Hamsa Bastani, Mohsen Bayati and Khashayar Khosravi	Pricing of Bundles: The Roles of Consumers' Heterogeneity and Competition , Diego Escobari, Paan Jindapon and Nicholas Rupp	A Re-Solving Heuristic with Uniformly Bounded Loss for Network Revenue Management , Pornpawee Bumpensanti and He Wang	Pricing in a Mixed Logit Demand Model with Network Effects , William Cooper, Fatemeh Nosrat and Zizhuo Wang	Bounding the Value of Observability in a Dynamic Pricing Problem , Dana Maria Pizarro, Jose Correa and Gustavo Vulcano	Adaptive Influencer Marketing with Intermediary Constraints , Shatian Wang, Zhen Xu and Van-Anh Truong	The Anheuser Busch Inbev Trailer Problem: Greedy Algorithms for Online Resource Allocation and Inventory Selection , Xingxing Chen, Jacob Feldman, Seung Hwan Jung and Panos Kouvelis	Approximation Algorithms for Network Revenue Management , Huseyin Topaloglu, Yuhang Ma, Paat Rusmevichientong and Mika Sumida	A Tale of Timescales: Surge Pricing and Dynamic Matching for Hotspot Demand Shock in Ride-Hailing Networks , Philipp Afèche, Zhe Liu and Costis Maglaras	Dynamic Freight Pricing at Amazon , Roger Lederman, Tara Mardan and Tim Jacobs	Multinomial Logit Contextual Bandits , Min-Hwan Oh and Garud Iyengar	The Role of Participation in Crowdsourcing Contests , Konstantinos Stouras, Jeremy Hutchison-Krupat and Raul Chao	Distribution-Free Algorithms in Network Revenue Management , Jonathan Amar and Nikolaos Trichakis	Dynamic Double Auctions: Towards First Best , Santiago Balseiro, Vahab Mirrokni, Renato Paes Leme and Song Zuo				Robust Optimization in Network Revenue Management , Simos Zachariades, Christine Currie and Joerg Fliege	
Track 1	Track 2	Track 3	Track 4	Track 5																																
<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>McClelland Building, M104</i>	<i>McClelland Building, M105</i>	<i>Zambrano Building, Z301</i>																																
Context-Based Dynamic Pricing with Online Clustering , Sentao Miao, Xi Chen, Xiuli Chao, Jiayi Liu and Yidong Zhang	Reoptimization Algorithms for Contextual Bandits with Knapsack Constraints , Zhen Xu and Van-Anh Truong	The Second-Price Knapsack Problem: Near-Optimal Real Time Bidding in Internet Advertisement , Jonathan Amar, Nicholas Renegar and Haihao Lu	Network Revenue Management with Online Inverse Batch Gradient Descent Method , Yiwei Chen and Cong Shi	A Dynamic Mechanism for On-Demand Service Pooling , Mustafa Dogan and Alexandre Jacquillat																																
A New Approach to High Dimensional Dynamic Pricing , Yilun Chen and David Goldberg	Mostly Exploration-Free Algorithms for Contextual Bandits , Hamsa Bastani, Mohsen Bayati and Khashayar Khosravi	Pricing of Bundles: The Roles of Consumers' Heterogeneity and Competition , Diego Escobari, Paan Jindapon and Nicholas Rupp	A Re-Solving Heuristic with Uniformly Bounded Loss for Network Revenue Management , Pornpawee Bumpensanti and He Wang	Pricing in a Mixed Logit Demand Model with Network Effects , William Cooper, Fatemeh Nosrat and Zizhuo Wang																																
Bounding the Value of Observability in a Dynamic Pricing Problem , Dana Maria Pizarro, Jose Correa and Gustavo Vulcano	Adaptive Influencer Marketing with Intermediary Constraints , Shatian Wang, Zhen Xu and Van-Anh Truong	The Anheuser Busch Inbev Trailer Problem: Greedy Algorithms for Online Resource Allocation and Inventory Selection , Xingxing Chen, Jacob Feldman, Seung Hwan Jung and Panos Kouvelis	Approximation Algorithms for Network Revenue Management , Huseyin Topaloglu, Yuhang Ma, Paat Rusmevichientong and Mika Sumida	A Tale of Timescales: Surge Pricing and Dynamic Matching for Hotspot Demand Shock in Ride-Hailing Networks , Philipp Afèche, Zhe Liu and Costis Maglaras																																
Dynamic Freight Pricing at Amazon , Roger Lederman, Tara Mardan and Tim Jacobs	Multinomial Logit Contextual Bandits , Min-Hwan Oh and Garud Iyengar	The Role of Participation in Crowdsourcing Contests , Konstantinos Stouras, Jeremy Hutchison-Krupat and Raul Chao	Distribution-Free Algorithms in Network Revenue Management , Jonathan Amar and Nikolaos Trichakis	Dynamic Double Auctions: Towards First Best , Santiago Balseiro, Vahab Mirrokni, Renato Paes Leme and Song Zuo																																
			Robust Optimization in Network Revenue Management , Simos Zachariades, Christine Currie and Joerg Fliege																																	
10:00–10:30am	Coffee Break																																			
10:30am–12:00pm	<table><thead><tr><th>Spotlight Track 1</th><th>Spotlight Track 2</th></tr></thead><tbody><tr><td><i>North Building, N302 (Oberndorf A/B)</i></td><td><i>Zambrano Building, Z301</i></td></tr><tr><td>Carpooling and the Economics of Self-Driving Cars, Michael Ostrovsky and Michael Schwarz <i>Discussant: Gerard Cachon</i></td><td>Learning to Rank an Assortment of Products, Kris Ferreira, Sunanda Parthasarathy and Shreyas Sekar <i>Discussant: Shipra Agrawal</i></td></tr><tr><td>Dynamic Pricing of Relocating Resources in Large Networks, Chen Chen, Santiago Balseiro and David Brown <i>Discussant: Raman Randhawa</i></td><td>Meta Dynamic Pricing: Learning Across Experiments, Hamsa Bastani, David Simchi-Levi and Ruihao Zhu <i>Discussant: Omar Besbes</i></td></tr></tbody></table>	Spotlight Track 1	Spotlight Track 2	<i>North Building, N302 (Oberndorf A/B)</i>	<i>Zambrano Building, Z301</i>	Carpooling and the Economics of Self-Driving Cars , Michael Ostrovsky and Michael Schwarz <i>Discussant: Gerard Cachon</i>	Learning to Rank an Assortment of Products , Kris Ferreira, Sunanda Parthasarathy and Shreyas Sekar <i>Discussant: Shipra Agrawal</i>	Dynamic Pricing of Relocating Resources in Large Networks , Chen Chen, Santiago Balseiro and David Brown <i>Discussant: Raman Randhawa</i>	Meta Dynamic Pricing: Learning Across Experiments , Hamsa Bastani, David Simchi-Levi and Ruihao Zhu <i>Discussant: Omar Besbes</i>																											
Spotlight Track 1	Spotlight Track 2																																			
<i>North Building, N302 (Oberndorf A/B)</i>	<i>Zambrano Building, Z301</i>																																			
Carpooling and the Economics of Self-Driving Cars , Michael Ostrovsky and Michael Schwarz <i>Discussant: Gerard Cachon</i>	Learning to Rank an Assortment of Products , Kris Ferreira, Sunanda Parthasarathy and Shreyas Sekar <i>Discussant: Shipra Agrawal</i>																																			
Dynamic Pricing of Relocating Resources in Large Networks , Chen Chen, Santiago Balseiro and David Brown <i>Discussant: Raman Randhawa</i>	Meta Dynamic Pricing: Learning Across Experiments , Hamsa Bastani, David Simchi-Levi and Ruihao Zhu <i>Discussant: Omar Besbes</i>																																			

AGENDA
JUNE 6
AFTERNOON

INFORMS REVENUE MANAGEMENT AND PRICING CONFERENCE

TIME	SESSION																														
12:00–1:00pm	Lunch																														
1:00–2:30pm	<table><thead><tr><th>Track 1</th><th>Track 2</th><th>Track 3</th><th>Track 4</th><th>Track 5</th></tr></thead><tbody><tr><td><i>North Building, N302 (Oberndorf A/B)</i></td><td><i>North Building, N302 (Oberndorf C)</i></td><td><i>McClelland Building, M104</i></td><td><i>McClelland Building, M105</i></td><td><i>Zambrano Building, Z301</i></td></tr><tr><td>How Do Usage and Payment Behavior Interact in Rent-to-Own Business Models? Evidence from Developing Economies, Jose Guajardo</td><td>Ensemble Methods in Dynamic Pricing, Dirk Sierag</td><td>Extension of Littlewood’s Rule to the Multi-Period Static Revenue Management Model with Standby Customers, Hideaki Takagi</td><td>Robust Demand Estimation with Customer Choice-Based Models for Sales Transaction Data, Jongho Im, Sanghoon Cho, Mark Ferguson and Pelin Pekgun</td><td>Persuasion in Networks: Public Signals and k-Cores, Ozan Candogan</td></tr><tr><td>Should I Pay With Money or Redeem Points for This Purchase? How Stability and Scaling of the Exchange Rate Influence Loyalty Point Redemption, So Yeon Chun and Rebecca Hamilton</td><td>Multi-Product Dynamic Pricing with Limited Inventories under a Cascade Click Model, Sajjad Najafi, Izak Duenyas, Stefanus Jasin and Joline Uichanco</td><td>Degrees of Information Awareness in Revenue Management, Darius Walczak and Ravi Kumar</td><td>Predicting with Proxies, Hamsa Bastani</td><td>Information Disclosure in Service Platforms: Optimizing for Supply, Kostas Bimpikis, Yiangos Papanastasiou and Wenchang Zhang</td></tr><tr><td>Inventory, Speculators, and Initial Coin Offerings, Rowena Gan, Gerry Tsoukalas and Serguei Netessine</td><td>Managing Adoption under Positive Externalities via Dynamic Pricing, Mehrnaz Amjadi, Vijay Kamble and Theja Tulabandhula</td><td>Dynamic Pricing Toward Sustainable Revenue Management, Aysajan Eziz</td><td>Intertemporal Price Discrimination via Randomized Pricing, Hongqiao Chen, Ming Hu and Jiahua Wu</td><td>Pooled Transportation: Consumer Preferences and System Design, Kashish Arora, Fanyin Zheng and Karan Girotra</td></tr><tr><td>Pricing Capacity over Time and Recourse Strategies: Facilitate Reselling, Offer Refunds/Options, or Overbook? Gerard Cachon and Pnina Feldman</td><td>High-Low Promotion Policies for Peak End Demand Models, Tamar Cohen-Hillel, Kiran Panchamgam and Georgia Perakis</td><td>Adding Flights for the Super Bowl? Airline Revenue Management with Price-Freeze Options, Ovunc Yilmaz, Xiyuan Ge and Daewon Sun</td><td>Pay-as-Bid Procurement Mechanisms for Differentiated Products, Je-Ok Choi, Daniela Saban and Gabriel Weintraub</td><td>Which Customers Are More Valuable in Dynamic Pricing Situations? Anton Ovchinnikov and Jue Wang</td></tr></tbody></table>	Track 1	Track 2	Track 3	Track 4	Track 5	<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>McClelland Building, M104</i>	<i>McClelland Building, M105</i>	<i>Zambrano Building, Z301</i>	How Do Usage and Payment Behavior Interact in Rent-to-Own Business Models? Evidence from Developing Economies , Jose Guajardo	Ensemble Methods in Dynamic Pricing , Dirk Sierag	Extension of Littlewood’s Rule to the Multi-Period Static Revenue Management Model with Standby Customers , Hideaki Takagi	Robust Demand Estimation with Customer Choice-Based Models for Sales Transaction Data , Jongho Im, Sanghoon Cho, Mark Ferguson and Pelin Pekgun	Persuasion in Networks: Public Signals and k-Cores , Ozan Candogan	Should I Pay With Money or Redeem Points for This Purchase? How Stability and Scaling of the Exchange Rate Influence Loyalty Point Redemption , So Yeon Chun and Rebecca Hamilton	Multi-Product Dynamic Pricing with Limited Inventories under a Cascade Click Model , Sajjad Najafi, Izak Duenyas, Stefanus Jasin and Joline Uichanco	Degrees of Information Awareness in Revenue Management , Darius Walczak and Ravi Kumar	Predicting with Proxies , Hamsa Bastani	Information Disclosure in Service Platforms: Optimizing for Supply , Kostas Bimpikis, Yiangos Papanastasiou and Wenchang Zhang	Inventory, Speculators, and Initial Coin Offerings , Rowena Gan, Gerry Tsoukalas and Serguei Netessine	Managing Adoption under Positive Externalities via Dynamic Pricing , Mehrnaz Amjadi, Vijay Kamble and Theja Tulabandhula	Dynamic Pricing Toward Sustainable Revenue Management , Aysajan Eziz	Intertemporal Price Discrimination via Randomized Pricing , Hongqiao Chen, Ming Hu and Jiahua Wu	Pooled Transportation: Consumer Preferences and System Design , Kashish Arora, Fanyin Zheng and Karan Girotra	Pricing Capacity over Time and Recourse Strategies: Facilitate Reselling, Offer Refunds/Options, or Overbook? Gerard Cachon and Pnina Feldman	High-Low Promotion Policies for Peak End Demand Models , Tamar Cohen-Hillel, Kiran Panchamgam and Georgia Perakis	Adding Flights for the Super Bowl? Airline Revenue Management with Price-Freeze Options , Ovunc Yilmaz, Xiyuan Ge and Daewon Sun	Pay-as-Bid Procurement Mechanisms for Differentiated Products , Je-Ok Choi, Daniela Saban and Gabriel Weintraub	Which Customers Are More Valuable in Dynamic Pricing Situations? Anton Ovchinnikov and Jue Wang
Track 1	Track 2	Track 3	Track 4	Track 5																											
<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>McClelland Building, M104</i>	<i>McClelland Building, M105</i>	<i>Zambrano Building, Z301</i>																											
How Do Usage and Payment Behavior Interact in Rent-to-Own Business Models? Evidence from Developing Economies , Jose Guajardo	Ensemble Methods in Dynamic Pricing , Dirk Sierag	Extension of Littlewood’s Rule to the Multi-Period Static Revenue Management Model with Standby Customers , Hideaki Takagi	Robust Demand Estimation with Customer Choice-Based Models for Sales Transaction Data , Jongho Im, Sanghoon Cho, Mark Ferguson and Pelin Pekgun	Persuasion in Networks: Public Signals and k-Cores , Ozan Candogan																											
Should I Pay With Money or Redeem Points for This Purchase? How Stability and Scaling of the Exchange Rate Influence Loyalty Point Redemption , So Yeon Chun and Rebecca Hamilton	Multi-Product Dynamic Pricing with Limited Inventories under a Cascade Click Model , Sajjad Najafi, Izak Duenyas, Stefanus Jasin and Joline Uichanco	Degrees of Information Awareness in Revenue Management , Darius Walczak and Ravi Kumar	Predicting with Proxies , Hamsa Bastani	Information Disclosure in Service Platforms: Optimizing for Supply , Kostas Bimpikis, Yiangos Papanastasiou and Wenchang Zhang																											
Inventory, Speculators, and Initial Coin Offerings , Rowena Gan, Gerry Tsoukalas and Serguei Netessine	Managing Adoption under Positive Externalities via Dynamic Pricing , Mehrnaz Amjadi, Vijay Kamble and Theja Tulabandhula	Dynamic Pricing Toward Sustainable Revenue Management , Aysajan Eziz	Intertemporal Price Discrimination via Randomized Pricing , Hongqiao Chen, Ming Hu and Jiahua Wu	Pooled Transportation: Consumer Preferences and System Design , Kashish Arora, Fanyin Zheng and Karan Girotra																											
Pricing Capacity over Time and Recourse Strategies: Facilitate Reselling, Offer Refunds/Options, or Overbook? Gerard Cachon and Pnina Feldman	High-Low Promotion Policies for Peak End Demand Models , Tamar Cohen-Hillel, Kiran Panchamgam and Georgia Perakis	Adding Flights for the Super Bowl? Airline Revenue Management with Price-Freeze Options , Ovunc Yilmaz, Xiyuan Ge and Daewon Sun	Pay-as-Bid Procurement Mechanisms for Differentiated Products , Je-Ok Choi, Daniela Saban and Gabriel Weintraub	Which Customers Are More Valuable in Dynamic Pricing Situations? Anton Ovchinnikov and Jue Wang																											
2:30–3:00pm	Coffee Break																														

AGENDA
JUNE 6
EVENING

INFORMS REVENUE MANAGEMENT AND PRICING CONFERENCE

TIME	SESSION																														
3:00–4:30pm	<table><thead><tr><th>Track 1</th><th>Track 2</th><th>Track 3</th><th>Track 4</th><th>Track 5</th></tr></thead><tbody><tr><td><i>North Building, N302 (Oberndorf A/B)</i></td><td><i>North Building, N302 (Oberndorf C)</i></td><td><i>McClelland Building, M104</i></td><td><i>McClelland Building, M105</i></td><td><i>Zambrano Building, Z301</i></td></tr><tr><td>Learning in Structured MDPs with Convex Cost Functions: Improved Regret Bounds for Inventory Management, Randy Jia and Shipra Agrawal</td><td>Sales-Based Rebate Design, Amir Ajorlou and Ali Jadbabaie</td><td>Assortment and Price Optimization under the Two-Stage Luce Model, Alvaro Flores, Gerardo Berbeglia and Pascal Van Hentenryck</td><td>Information Manipulation: Belief Distortion Through Dissemination, Jussi Keppo, Michael Kim and Xinyuan Zhang</td><td>Heteroscedastic Exponential Choice, Aydin Alptekinoglu and John Semple</td></tr><tr><td>Fitting Large-Scale Mixture of Logit Models: A Convex Optimization Approach, Srikanth Jagabathula, Lakshminarayanan Subramanian and Ashwin Venkataraman</td><td>Diffusion in Random Networks: Impact of Degree Distribution, Vahideh Manshadi, Sidhant Misra and Scott Rodilitz</td><td>Learning Customer Preferences from Personalized Assortments, Yifan Feng, Rene Caldentey and Christopher Ryan</td><td>Pricing for Heterogeneous Products: Analytics for Ticket Reselling, Max Biggs, Rim Hariss, Michael Li, Georgia Perakis, Charles Hermann and Michael Alley</td><td>A Choice Modeling Framework for Service Time Windows, Adam Elmachtoub and Xiao Lei</td></tr><tr><td>Personalized Dynamic Pricing with Machine Learning, Gah-Yi Ban and Bora Keskin</td><td>Adaptive Sequential Experiments with Unknown Information Flows, Yonatan Gur and Ahmadreza Momeni</td><td>Revenue and Welfare Balanced Assortment Planning under the Multinomial Logit Model with Totally Unimodular Constraints, James Davis, Guillermo Gallego, Paat Rusmevichientong, Mika Sumida and Huseyin Topaloglu</td><td>Selling Multiple Units to Multiple Strategic Buyers: Exponentiality and Jumps, Seungjin Whang, Yasushi Masuda and Totetsu Nagayama</td><td>Choice Model Trees: A Joint Framework For Market Segmentation and Choice Modeling, Ali Aouad, Adam Elmachtoub, Kris Ferreira and Ryan McNellis</td></tr><tr><td>Discrete-Time Model and Analysis of Dynamic Learning and Decision-Making, Hao Zhang</td><td>On the Futility of Dynamics in Robust Mechanism Design, Santiago Balseiro, Anthony Kim and Daniel Russo</td><td>Assortment Optimization over Dense Universe Is Easy, Kumar Goutam, Vineet Goyal and Henry Lam</td><td>Football Ticket Pricing for Multiple Sales Channels with Heterogeneous Customers, Ovunc Yilmaz, Hayri Alper Arslan, Ruxian Wang and Rob Easley</td><td>SKU Proliferation: High-Dimensional (or Large Scale) Choice Model and Online Retailing, Zhaohui Jiang, Jun Li and Dennis Zhang</td></tr></tbody></table>	Track 1	Track 2	Track 3	Track 4	Track 5	<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>McClelland Building, M104</i>	<i>McClelland Building, M105</i>	<i>Zambrano Building, Z301</i>	Learning in Structured MDPs with Convex Cost Functions: Improved Regret Bounds for Inventory Management , Randy Jia and Shipra Agrawal	Sales-Based Rebate Design , Amir Ajorlou and Ali Jadbabaie	Assortment and Price Optimization under the Two-Stage Luce Model , Alvaro Flores, Gerardo Berbeglia and Pascal Van Hentenryck	Information Manipulation: Belief Distortion Through Dissemination , Jussi Keppo, Michael Kim and Xinyuan Zhang	Heteroscedastic Exponential Choice , Aydin Alptekinoglu and John Semple	Fitting Large-Scale Mixture of Logit Models: A Convex Optimization Approach , Srikanth Jagabathula, Lakshminarayanan Subramanian and Ashwin Venkataraman	Diffusion in Random Networks: Impact of Degree Distribution , Vahideh Manshadi, Sidhant Misra and Scott Rodilitz	Learning Customer Preferences from Personalized Assortments , Yifan Feng, Rene Caldentey and Christopher Ryan	Pricing for Heterogeneous Products: Analytics for Ticket Reselling , Max Biggs, Rim Hariss, Michael Li, Georgia Perakis, Charles Hermann and Michael Alley	A Choice Modeling Framework for Service Time Windows , Adam Elmachtoub and Xiao Lei	Personalized Dynamic Pricing with Machine Learning , Gah-Yi Ban and Bora Keskin	Adaptive Sequential Experiments with Unknown Information Flows , Yonatan Gur and Ahmadreza Momeni	Revenue and Welfare Balanced Assortment Planning under the Multinomial Logit Model with Totally Unimodular Constraints , James Davis, Guillermo Gallego, Paat Rusmevichientong, Mika Sumida and Huseyin Topaloglu	Selling Multiple Units to Multiple Strategic Buyers: Exponentiality and Jumps , Seungjin Whang, Yasushi Masuda and Totetsu Nagayama	Choice Model Trees: A Joint Framework For Market Segmentation and Choice Modeling , Ali Aouad, Adam Elmachtoub, Kris Ferreira and Ryan McNellis	Discrete-Time Model and Analysis of Dynamic Learning and Decision-Making , Hao Zhang	On the Futility of Dynamics in Robust Mechanism Design , Santiago Balseiro, Anthony Kim and Daniel Russo	Assortment Optimization over Dense Universe Is Easy , Kumar Goutam, Vineet Goyal and Henry Lam	Football Ticket Pricing for Multiple Sales Channels with Heterogeneous Customers , Ovunc Yilmaz, Hayri Alper Arslan, Ruxian Wang and Rob Easley	SKU Proliferation: High-Dimensional (or Large Scale) Choice Model and Online Retailing , Zhaohui Jiang, Jun Li and Dennis Zhang
Track 1	Track 2	Track 3	Track 4	Track 5																											
<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>McClelland Building, M104</i>	<i>McClelland Building, M105</i>	<i>Zambrano Building, Z301</i>																											
Learning in Structured MDPs with Convex Cost Functions: Improved Regret Bounds for Inventory Management , Randy Jia and Shipra Agrawal	Sales-Based Rebate Design , Amir Ajorlou and Ali Jadbabaie	Assortment and Price Optimization under the Two-Stage Luce Model , Alvaro Flores, Gerardo Berbeglia and Pascal Van Hentenryck	Information Manipulation: Belief Distortion Through Dissemination , Jussi Keppo, Michael Kim and Xinyuan Zhang	Heteroscedastic Exponential Choice , Aydin Alptekinoglu and John Semple																											
Fitting Large-Scale Mixture of Logit Models: A Convex Optimization Approach , Srikanth Jagabathula, Lakshminarayanan Subramanian and Ashwin Venkataraman	Diffusion in Random Networks: Impact of Degree Distribution , Vahideh Manshadi, Sidhant Misra and Scott Rodilitz	Learning Customer Preferences from Personalized Assortments , Yifan Feng, Rene Caldentey and Christopher Ryan	Pricing for Heterogeneous Products: Analytics for Ticket Reselling , Max Biggs, Rim Hariss, Michael Li, Georgia Perakis, Charles Hermann and Michael Alley	A Choice Modeling Framework for Service Time Windows , Adam Elmachtoub and Xiao Lei																											
Personalized Dynamic Pricing with Machine Learning , Gah-Yi Ban and Bora Keskin	Adaptive Sequential Experiments with Unknown Information Flows , Yonatan Gur and Ahmadreza Momeni	Revenue and Welfare Balanced Assortment Planning under the Multinomial Logit Model with Totally Unimodular Constraints , James Davis, Guillermo Gallego, Paat Rusmevichientong, Mika Sumida and Huseyin Topaloglu	Selling Multiple Units to Multiple Strategic Buyers: Exponentiality and Jumps , Seungjin Whang, Yasushi Masuda and Totetsu Nagayama	Choice Model Trees: A Joint Framework For Market Segmentation and Choice Modeling , Ali Aouad, Adam Elmachtoub, Kris Ferreira and Ryan McNellis																											
Discrete-Time Model and Analysis of Dynamic Learning and Decision-Making , Hao Zhang	On the Futility of Dynamics in Robust Mechanism Design , Santiago Balseiro, Anthony Kim and Daniel Russo	Assortment Optimization over Dense Universe Is Easy , Kumar Goutam, Vineet Goyal and Henry Lam	Football Ticket Pricing for Multiple Sales Channels with Heterogeneous Customers , Ovunc Yilmaz, Hayri Alper Arslan, Ruxian Wang and Rob Easley	SKU Proliferation: High-Dimensional (or Large Scale) Choice Model and Online Retailing , Zhaohui Jiang, Jun Li and Dennis Zhang																											
4:30–5:00pm	Coffee Break																														
5:00–6:30pm	<table><thead><tr><th>Spotlight Track 3</th><th>Spotlight Track 4</th></tr></thead><tbody><tr><td><i>North Building, N302 (Oberndorf A/B)</i></td><td><i>Zambrano Building, Z301</i></td></tr><tr><td>Static Pricing: Universal Guarantees for Reusable Resources, Omar Besbes, Adam Elmachtoub and Yunjie Sun <i>Discussant: David Brown</i></td><td>Menu Costs and the Bullwhip Effect: Supply Chain Implications of Dynamic Pricing, Rob Bray and Ioannis Stamatopoulos <i>Discussant: Fanyin Zheng</i></td></tr><tr><td>Pricing in Fast-Moving Markets, Hyun-Soo Ahn, Christopher Thomas Ryan, Joline Uichanco and Mengzhenyu Zhang <i>Discussant: Kalyan Talluri</i></td><td>Price Transparency, Media, and Informative Advertising, Itai Ater and Oren Rigbi <i>Discussant: Haim Mendelson</i></td></tr></tbody></table>	Spotlight Track 3	Spotlight Track 4	<i>North Building, N302 (Oberndorf A/B)</i>	<i>Zambrano Building, Z301</i>	Static Pricing: Universal Guarantees for Reusable Resources , Omar Besbes, Adam Elmachtoub and Yunjie Sun <i>Discussant: David Brown</i>	Menu Costs and the Bullwhip Effect: Supply Chain Implications of Dynamic Pricing , Rob Bray and Ioannis Stamatopoulos <i>Discussant: Fanyin Zheng</i>	Pricing in Fast-Moving Markets , Hyun-Soo Ahn, Christopher Thomas Ryan, Joline Uichanco and Mengzhenyu Zhang <i>Discussant: Kalyan Talluri</i>	Price Transparency, Media, and Informative Advertising , Itai Ater and Oren Rigbi <i>Discussant: Haim Mendelson</i>																						
Spotlight Track 3	Spotlight Track 4																														
<i>North Building, N302 (Oberndorf A/B)</i>	<i>Zambrano Building, Z301</i>																														
Static Pricing: Universal Guarantees for Reusable Resources , Omar Besbes, Adam Elmachtoub and Yunjie Sun <i>Discussant: David Brown</i>	Menu Costs and the Bullwhip Effect: Supply Chain Implications of Dynamic Pricing , Rob Bray and Ioannis Stamatopoulos <i>Discussant: Fanyin Zheng</i>																														
Pricing in Fast-Moving Markets , Hyun-Soo Ahn, Christopher Thomas Ryan, Joline Uichanco and Mengzhenyu Zhang <i>Discussant: Kalyan Talluri</i>	Price Transparency, Media, and Informative Advertising , Itai Ater and Oren Rigbi <i>Discussant: Haim Mendelson</i>																														
6:30–8:00pm	Reception																														

AGENDA
JUNE 7
MORNING

INFORMS REVENUE MANAGEMENT AND PRICING CONFERENCE

TIME	SESSION					
7:45–8:15am	Breakfast					
8:15–10:00am <i>(longer session)</i>	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Track 1 <i>North Building, N302 (Oberndorf A/B)</i></p> <p>Optimal Bayesian Price Fine-Tuning, Jue Wang</p> <p>Online Matching with Stochastic Rewards: Towards Optimal Competitive Ratio, Rajan Udwani and Vineet Goyal</p> <p>Sample-Based Optimal Pricing, Amine Allouah and Omar Besbes</p> <p>Optimal Sales Policies for a Virtual Assistant, Wenjia Ba, Haim Mendelson and Mingxi Zhu</p> <p>Optimal Pricing in Discrete Choice Models, Pavel Izhutov and Haim Mendelson</p> </td> <td style="vertical-align: top;"> <p>Track 2 <i>North Building, N302 (Oberndorf C)</i></p> <p>Gaussian Processes for Unconstraining Demand, Ilan Price, Jaroslav Fowkes and Daniel Hopman</p> <p>Joint Inventory Allocation and Price Optimization Problem, Andrew Vakhutinsky, Kiran Panchamgam and Su-Ming Wu</p> <p>Overbooking with Endogenous Demand, Rowena Gan, Noah Gans and Gerry Tsoukalas</p> <p>Demand Learning and Pricing for Varying Assortments, Kris Ferreira and Emily Mower</p> <p>Correcting for Price Endogeneity in Demand Models: Linear Regression v. Discrete Choice, Stacey Mumbower, Pelin Pekgün and Mark Ferguson</p> </td> <td style="vertical-align: top;"> <p>Track 3 <i>Bass Center, B400 (Seawell Boardroom)</i></p> <p>Optimal Commissions and Subscriptions in Networked Markets, Hongfan Chen, John Birge, Ozan Candogan and Daniela Saban</p> <p>Efficient Strategic-Level Repositioning in Vehicle-Sharing Networks, Mahsa Hosseini, Joseph Milner and Gonzalo Romero</p> <p>Optimal Growth in Two-Sided Markets, Zhen Lian and Garrett van Ryzin</p> <p>Reputation and Manipulation in Social Networks, Mohamed Mostagir, Asu Ozdaglar and James Siderius</p> <p>Information Design in Two-Sided Markets, Ramesh Johari, Bar Light and Gabriel Weintraub</p> </td> <td style="vertical-align: top;"> <p>Track 4 <i>Zambrano Building, Z301</i></p> <p>Query Complexity of Bayesian Private Learning, Kuang Xu</p> <p>News Event-Driven Predictive Models for Forecasting Socio-Economic Indicators, Sunandan Chakraborty, Srikanth Jagabathula, Lakshminarayanan Subramanian and Ashwin Venkataraman</p> <p>Robust Active Preference Learning, Duncan Mcelfresh, Phebe Vayanos, John Dickerson and Eric Rice</p> <p>Sequential Procurement with Contractual and Experimental Learning, Yonatan Gur, Gregory Macnamara and Daniela Saban</p> <p>Learning to Rank under Evolving Consumer Reviews, Jingtong Zhao, Van-Anh Truong, Xin Pan, Jie Song and Zhen Xu</p> </td> <td style="vertical-align: top;"> <p>Track 5 <i>Faculty Building West, W104</i></p> <p>Personalizing In-App Subscriptions Using Pricing Theory, Offline Policy Evaluation, and Bandit Methods, Julian Runge, Michaela Draganska and Daniel Klapper</p> <p>Price Markdowns to Induce Customers to Opt Out of Free Returns, Sajjad Najafi and Izak Duenyas</p> <p>Railway Network Dynamic Pricing under Discrete Mixed Logit Demand, Simon Hohberger and Cornelia Schoen</p> <p>Dynamic Pricing and Timing of Upgrades, Metin Cakanyildirim, Ozalp Ozer and Xiao Zhang</p> <p>An Analytical Treatment of Dynamic Pricing with Menu Costs, Zhen Liu</p> </td> </tr> </table>	<p>Track 1 <i>North Building, N302 (Oberndorf A/B)</i></p> <p>Optimal Bayesian Price Fine-Tuning, Jue Wang</p> <p>Online Matching with Stochastic Rewards: Towards Optimal Competitive Ratio, Rajan Udwani and Vineet Goyal</p> <p>Sample-Based Optimal Pricing, Amine Allouah and Omar Besbes</p> <p>Optimal Sales Policies for a Virtual Assistant, Wenjia Ba, Haim Mendelson and Mingxi Zhu</p> <p>Optimal Pricing in Discrete Choice Models, Pavel Izhutov and Haim Mendelson</p>	<p>Track 2 <i>North Building, N302 (Oberndorf C)</i></p> <p>Gaussian Processes for Unconstraining Demand, Ilan Price, Jaroslav Fowkes and Daniel Hopman</p> <p>Joint Inventory Allocation and Price Optimization Problem, Andrew Vakhutinsky, Kiran Panchamgam and Su-Ming Wu</p> <p>Overbooking with Endogenous Demand, Rowena Gan, Noah Gans and Gerry Tsoukalas</p> <p>Demand Learning and Pricing for Varying Assortments, Kris Ferreira and Emily Mower</p> <p>Correcting for Price Endogeneity in Demand Models: Linear Regression v. Discrete Choice, Stacey Mumbower, Pelin Pekgün and Mark Ferguson</p>	<p>Track 3 <i>Bass Center, B400 (Seawell Boardroom)</i></p> <p>Optimal Commissions and Subscriptions in Networked Markets, Hongfan Chen, John Birge, Ozan Candogan and Daniela Saban</p> <p>Efficient Strategic-Level Repositioning in Vehicle-Sharing Networks, Mahsa Hosseini, Joseph Milner and Gonzalo Romero</p> <p>Optimal Growth in Two-Sided Markets, Zhen Lian and Garrett van Ryzin</p> <p>Reputation and Manipulation in Social Networks, Mohamed Mostagir, Asu Ozdaglar and James Siderius</p> <p>Information Design in Two-Sided Markets, Ramesh Johari, Bar Light and Gabriel Weintraub</p>	<p>Track 4 <i>Zambrano Building, Z301</i></p> <p>Query Complexity of Bayesian Private Learning, Kuang Xu</p> <p>News Event-Driven Predictive Models for Forecasting Socio-Economic Indicators, Sunandan Chakraborty, Srikanth Jagabathula, Lakshminarayanan Subramanian and Ashwin Venkataraman</p> <p>Robust Active Preference Learning, Duncan Mcelfresh, Phebe Vayanos, John Dickerson and Eric Rice</p> <p>Sequential Procurement with Contractual and Experimental Learning, Yonatan Gur, Gregory Macnamara and Daniela Saban</p> <p>Learning to Rank under Evolving Consumer Reviews, Jingtong Zhao, Van-Anh Truong, Xin Pan, Jie Song and Zhen Xu</p>	<p>Track 5 <i>Faculty Building West, W104</i></p> <p>Personalizing In-App Subscriptions Using Pricing Theory, Offline Policy Evaluation, and Bandit Methods, Julian Runge, Michaela Draganska and Daniel Klapper</p> <p>Price Markdowns to Induce Customers to Opt Out of Free Returns, Sajjad Najafi and Izak Duenyas</p> <p>Railway Network Dynamic Pricing under Discrete Mixed Logit Demand, Simon Hohberger and Cornelia Schoen</p> <p>Dynamic Pricing and Timing of Upgrades, Metin Cakanyildirim, Ozalp Ozer and Xiao Zhang</p> <p>An Analytical Treatment of Dynamic Pricing with Menu Costs, Zhen Liu</p>
<p>Track 1 <i>North Building, N302 (Oberndorf A/B)</i></p> <p>Optimal Bayesian Price Fine-Tuning, Jue Wang</p> <p>Online Matching with Stochastic Rewards: Towards Optimal Competitive Ratio, Rajan Udwani and Vineet Goyal</p> <p>Sample-Based Optimal Pricing, Amine Allouah and Omar Besbes</p> <p>Optimal Sales Policies for a Virtual Assistant, Wenjia Ba, Haim Mendelson and Mingxi Zhu</p> <p>Optimal Pricing in Discrete Choice Models, Pavel Izhutov and Haim Mendelson</p>	<p>Track 2 <i>North Building, N302 (Oberndorf C)</i></p> <p>Gaussian Processes for Unconstraining Demand, Ilan Price, Jaroslav Fowkes and Daniel Hopman</p> <p>Joint Inventory Allocation and Price Optimization Problem, Andrew Vakhutinsky, Kiran Panchamgam and Su-Ming Wu</p> <p>Overbooking with Endogenous Demand, Rowena Gan, Noah Gans and Gerry Tsoukalas</p> <p>Demand Learning and Pricing for Varying Assortments, Kris Ferreira and Emily Mower</p> <p>Correcting for Price Endogeneity in Demand Models: Linear Regression v. Discrete Choice, Stacey Mumbower, Pelin Pekgün and Mark Ferguson</p>	<p>Track 3 <i>Bass Center, B400 (Seawell Boardroom)</i></p> <p>Optimal Commissions and Subscriptions in Networked Markets, Hongfan Chen, John Birge, Ozan Candogan and Daniela Saban</p> <p>Efficient Strategic-Level Repositioning in Vehicle-Sharing Networks, Mahsa Hosseini, Joseph Milner and Gonzalo Romero</p> <p>Optimal Growth in Two-Sided Markets, Zhen Lian and Garrett van Ryzin</p> <p>Reputation and Manipulation in Social Networks, Mohamed Mostagir, Asu Ozdaglar and James Siderius</p> <p>Information Design in Two-Sided Markets, Ramesh Johari, Bar Light and Gabriel Weintraub</p>	<p>Track 4 <i>Zambrano Building, Z301</i></p> <p>Query Complexity of Bayesian Private Learning, Kuang Xu</p> <p>News Event-Driven Predictive Models for Forecasting Socio-Economic Indicators, Sunandan Chakraborty, Srikanth Jagabathula, Lakshminarayanan Subramanian and Ashwin Venkataraman</p> <p>Robust Active Preference Learning, Duncan Mcelfresh, Phebe Vayanos, John Dickerson and Eric Rice</p> <p>Sequential Procurement with Contractual and Experimental Learning, Yonatan Gur, Gregory Macnamara and Daniela Saban</p> <p>Learning to Rank under Evolving Consumer Reviews, Jingtong Zhao, Van-Anh Truong, Xin Pan, Jie Song and Zhen Xu</p>	<p>Track 5 <i>Faculty Building West, W104</i></p> <p>Personalizing In-App Subscriptions Using Pricing Theory, Offline Policy Evaluation, and Bandit Methods, Julian Runge, Michaela Draganska and Daniel Klapper</p> <p>Price Markdowns to Induce Customers to Opt Out of Free Returns, Sajjad Najafi and Izak Duenyas</p> <p>Railway Network Dynamic Pricing under Discrete Mixed Logit Demand, Simon Hohberger and Cornelia Schoen</p> <p>Dynamic Pricing and Timing of Upgrades, Metin Cakanyildirim, Ozalp Ozer and Xiao Zhang</p> <p>An Analytical Treatment of Dynamic Pricing with Menu Costs, Zhen Liu</p>		
10:00–10:30am	Coffee Break					
10:30am–12:00pm	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Spotlight Track 5 <i>North Building, N302 (Oberndorf A/B)</i></p> <p>Persuading Customers to Buy Early: The Value of Personalized Information Provisioning, Kimon Drakopoulos, Raman Randhawa and Shobhit Jain <i>Discussant: Senthil Veeraraghavan</i></p> <p>On Bias in Social Learning and Consumer Choice, Ningyuan Chen, Anran Li and Kalyan Talluri <i>Discussant: Ozan Candogan</i></p> </td> <td style="vertical-align: top;"> <p>Spotlight Track 6 <i>Zambrano Building, Z301</i></p> <p>Customized Individual Promotions: Model, Optimization, and Prediction, Srikanth Jagabathula, Dmitry Mitrofanov and Gustavo Vulcano <i>Discussant: Anton Ovchinnikov</i></p> <p>Modeling Customer Response to Service Quality Variability with Implications for Pricing, Xiaoyang Long, Jordan Tong and Gregory DeCroix <i>Discussant: Philip Afeche</i></p> </td> </tr> </table>	<p>Spotlight Track 5 <i>North Building, N302 (Oberndorf A/B)</i></p> <p>Persuading Customers to Buy Early: The Value of Personalized Information Provisioning, Kimon Drakopoulos, Raman Randhawa and Shobhit Jain <i>Discussant: Senthil Veeraraghavan</i></p> <p>On Bias in Social Learning and Consumer Choice, Ningyuan Chen, Anran Li and Kalyan Talluri <i>Discussant: Ozan Candogan</i></p>	<p>Spotlight Track 6 <i>Zambrano Building, Z301</i></p> <p>Customized Individual Promotions: Model, Optimization, and Prediction, Srikanth Jagabathula, Dmitry Mitrofanov and Gustavo Vulcano <i>Discussant: Anton Ovchinnikov</i></p> <p>Modeling Customer Response to Service Quality Variability with Implications for Pricing, Xiaoyang Long, Jordan Tong and Gregory DeCroix <i>Discussant: Philip Afeche</i></p>			
<p>Spotlight Track 5 <i>North Building, N302 (Oberndorf A/B)</i></p> <p>Persuading Customers to Buy Early: The Value of Personalized Information Provisioning, Kimon Drakopoulos, Raman Randhawa and Shobhit Jain <i>Discussant: Senthil Veeraraghavan</i></p> <p>On Bias in Social Learning and Consumer Choice, Ningyuan Chen, Anran Li and Kalyan Talluri <i>Discussant: Ozan Candogan</i></p>	<p>Spotlight Track 6 <i>Zambrano Building, Z301</i></p> <p>Customized Individual Promotions: Model, Optimization, and Prediction, Srikanth Jagabathula, Dmitry Mitrofanov and Gustavo Vulcano <i>Discussant: Anton Ovchinnikov</i></p> <p>Modeling Customer Response to Service Quality Variability with Implications for Pricing, Xiaoyang Long, Jordan Tong and Gregory DeCroix <i>Discussant: Philip Afeche</i></p>					

AGENDA
JUNE 7
AFTERNOON

INFORMS REVENUE MANAGEMENT AND PRICING CONFERENCE

TIME	SESSION																														
12:00–1:00pm	Lunch																														
1:00–2:30pm	<table><thead><tr><th>Track 1</th><th>Track 2</th><th>Track 3</th><th>Track 4</th><th>Track 5</th></tr></thead><tbody><tr><td><i>North Building, N302 (Oberndorf A/B)</i></td><td><i>North Building, N302 (Oberndorf C)</i></td><td><i>Bass Center, B400 (Seawell Boardroom)</i></td><td><i>Zambrano Building, Z301</i></td><td><i>Gunn Building, G101</i></td></tr><tr><td>Shapley Meets Uniform: An Axiomatic Framework for Attribution in Online Advertising, Raghav Singal, Omar Besbes, Antoine Desir, Vineet Goyal and Garud Iyengar</td><td>Risk-Sensitive Control of Markov Decision Processes in Revenue Management: A Moment-Based Approach with Target Distributions, Rainer Schlosser</td><td>Driver Surge Pricing, Nikhil Garg and Hamid Nazerzadeh</td><td>Anticipated Regret in Online Common Value Auctions: Empirical Evidence from eBay, Meisam Nia, Özalp Özer and A. Serdar Simsek</td><td>Not Every Game Is Created Equal: How Did Variable Pricing Change NFL? Ovunc Yilmaz, Hayri Alper Arslan and Necati Tereyagolu</td></tr><tr><td>Learning Optimal Online Advertising Portfolios with Periodic Budgets, Lennart Baardman, Elaheh Fata, Abhishek Pani and Georgia Perakis</td><td>Approximate Linear Programming for a Queueing Control Problem, Saied Samiedaluie and Dan Zhang</td><td>One-Way and/or Round-Trip Service? Service Design and Pricing in Car-Sharing Networks, Hojat Abdolanezhad, Philipp Afeche and Azarakhsh Malekian</td><td>An Optimal Policy for Dynamic Assortment Planning under Uncapacitated Multinomial Logit Models, Xi Chen, Yining Wang and Yuan Zhou</td><td>Ride Discounts in Dockless Electric Vehicle Sharing Systems, Bobby Nyotta, Fernanda Bravo and Jake Feldman</td></tr><tr><td>Dynamic Incentive-Aware Learning: Robust Pricing in Contextual Auctions, Negin Golrezaei, Adel Javanmard and Vahab Mirrokni</td><td>Robust Online Resource Allocation: A Competitive Analysis of Service Reservations with Heterogeneous Types, Will Ma, David Simchi-Levi and Jinglong Zhao</td><td>Ride Solo or Pool: Designing Price-Service Menus for a Ridesharing Platform, Jagan Jacob and Ricky Roet-Green</td><td>Bifurcating Constraints to Improve Approximation Ratios for Network Revenue Management, Jackie Baek and Will Ma</td><td>Omnichannel Grocery Retailing: Revenue Sharing and Food Waste, Jae Hyuck Park, Dan Iancu and Erica Plambeck</td></tr><tr><td>K-Ticket Lotteries: Insights from Alaska, Nick Arnosti and Timothy Randolph</td><td>Nonparametric Learning Algorithms for Joint Pricing and Inventory Control with Lost-Sales, Boxiao Chen, Xiuli Chao and Cong Shi</td><td>Two-Stage Matchings in Ridesharing Platforms under Adversarial Uncertainty, Omar El Housni, Oussama Hanguir, Clifford Stein and Vineet Goyal</td><td>Collaborating Online and Brick and Mortar Retailers: Returns and Induced Store Traffic Implications, Maryam Mahdikhani, Tolga Aydinliyim and Monire Jalili</td><td>Bayesian Sequential Testing with Dynamic Experiment Design, Victor Araman and Rene Caldentey</td></tr></tbody></table>	Track 1	Track 2	Track 3	Track 4	Track 5	<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>Bass Center, B400 (Seawell Boardroom)</i>	<i>Zambrano Building, Z301</i>	<i>Gunn Building, G101</i>	Shapley Meets Uniform: An Axiomatic Framework for Attribution in Online Advertising , Raghav Singal, Omar Besbes, Antoine Desir, Vineet Goyal and Garud Iyengar	Risk-Sensitive Control of Markov Decision Processes in Revenue Management: A Moment-Based Approach with Target Distributions , Rainer Schlosser	Driver Surge Pricing , Nikhil Garg and Hamid Nazerzadeh	Anticipated Regret in Online Common Value Auctions: Empirical Evidence from eBay , Meisam Nia, Özalp Özer and A. Serdar Simsek	Not Every Game Is Created Equal: How Did Variable Pricing Change NFL? Ovunc Yilmaz, Hayri Alper Arslan and Necati Tereyagolu	Learning Optimal Online Advertising Portfolios with Periodic Budgets , Lennart Baardman, Elaheh Fata, Abhishek Pani and Georgia Perakis	Approximate Linear Programming for a Queueing Control Problem , Saied Samiedaluie and Dan Zhang	One-Way and/or Round-Trip Service? Service Design and Pricing in Car-Sharing Networks , Hojat Abdolanezhad, Philipp Afeche and Azarakhsh Malekian	An Optimal Policy for Dynamic Assortment Planning under Uncapacitated Multinomial Logit Models , Xi Chen, Yining Wang and Yuan Zhou	Ride Discounts in Dockless Electric Vehicle Sharing Systems , Bobby Nyotta, Fernanda Bravo and Jake Feldman	Dynamic Incentive-Aware Learning: Robust Pricing in Contextual Auctions , Negin Golrezaei, Adel Javanmard and Vahab Mirrokni	Robust Online Resource Allocation: A Competitive Analysis of Service Reservations with Heterogeneous Types , Will Ma, David Simchi-Levi and Jinglong Zhao	Ride Solo or Pool: Designing Price-Service Menus for a Ridesharing Platform , Jagan Jacob and Ricky Roet-Green	Bifurcating Constraints to Improve Approximation Ratios for Network Revenue Management , Jackie Baek and Will Ma	Omnichannel Grocery Retailing: Revenue Sharing and Food Waste , Jae Hyuck Park, Dan Iancu and Erica Plambeck	K-Ticket Lotteries: Insights from Alaska , Nick Arnosti and Timothy Randolph	Nonparametric Learning Algorithms for Joint Pricing and Inventory Control with Lost-Sales , Boxiao Chen, Xiuli Chao and Cong Shi	Two-Stage Matchings in Ridesharing Platforms under Adversarial Uncertainty , Omar El Housni, Oussama Hanguir, Clifford Stein and Vineet Goyal	Collaborating Online and Brick and Mortar Retailers: Returns and Induced Store Traffic Implications , Maryam Mahdikhani, Tolga Aydinliyim and Monire Jalili	Bayesian Sequential Testing with Dynamic Experiment Design , Victor Araman and Rene Caldentey
Track 1	Track 2	Track 3	Track 4	Track 5																											
<i>North Building, N302 (Oberndorf A/B)</i>	<i>North Building, N302 (Oberndorf C)</i>	<i>Bass Center, B400 (Seawell Boardroom)</i>	<i>Zambrano Building, Z301</i>	<i>Gunn Building, G101</i>																											
Shapley Meets Uniform: An Axiomatic Framework for Attribution in Online Advertising , Raghav Singal, Omar Besbes, Antoine Desir, Vineet Goyal and Garud Iyengar	Risk-Sensitive Control of Markov Decision Processes in Revenue Management: A Moment-Based Approach with Target Distributions , Rainer Schlosser	Driver Surge Pricing , Nikhil Garg and Hamid Nazerzadeh	Anticipated Regret in Online Common Value Auctions: Empirical Evidence from eBay , Meisam Nia, Özalp Özer and A. Serdar Simsek	Not Every Game Is Created Equal: How Did Variable Pricing Change NFL? Ovunc Yilmaz, Hayri Alper Arslan and Necati Tereyagolu																											
Learning Optimal Online Advertising Portfolios with Periodic Budgets , Lennart Baardman, Elaheh Fata, Abhishek Pani and Georgia Perakis	Approximate Linear Programming for a Queueing Control Problem , Saied Samiedaluie and Dan Zhang	One-Way and/or Round-Trip Service? Service Design and Pricing in Car-Sharing Networks , Hojat Abdolanezhad, Philipp Afeche and Azarakhsh Malekian	An Optimal Policy for Dynamic Assortment Planning under Uncapacitated Multinomial Logit Models , Xi Chen, Yining Wang and Yuan Zhou	Ride Discounts in Dockless Electric Vehicle Sharing Systems , Bobby Nyotta, Fernanda Bravo and Jake Feldman																											
Dynamic Incentive-Aware Learning: Robust Pricing in Contextual Auctions , Negin Golrezaei, Adel Javanmard and Vahab Mirrokni	Robust Online Resource Allocation: A Competitive Analysis of Service Reservations with Heterogeneous Types , Will Ma, David Simchi-Levi and Jinglong Zhao	Ride Solo or Pool: Designing Price-Service Menus for a Ridesharing Platform , Jagan Jacob and Ricky Roet-Green	Bifurcating Constraints to Improve Approximation Ratios for Network Revenue Management , Jackie Baek and Will Ma	Omnichannel Grocery Retailing: Revenue Sharing and Food Waste , Jae Hyuck Park, Dan Iancu and Erica Plambeck																											
K-Ticket Lotteries: Insights from Alaska , Nick Arnosti and Timothy Randolph	Nonparametric Learning Algorithms for Joint Pricing and Inventory Control with Lost-Sales , Boxiao Chen, Xiuli Chao and Cong Shi	Two-Stage Matchings in Ridesharing Platforms under Adversarial Uncertainty , Omar El Housni, Oussama Hanguir, Clifford Stein and Vineet Goyal	Collaborating Online and Brick and Mortar Retailers: Returns and Induced Store Traffic Implications , Maryam Mahdikhani, Tolga Aydinliyim and Monire Jalili	Bayesian Sequential Testing with Dynamic Experiment Design , Victor Araman and Rene Caldentey																											
2:30–3:00pm	Coffee Break																														
3:00–4:30pm	<table><thead><tr><th>Spotlight Track 7</th><th>Spotlight Track 8</th></tr></thead><tbody><tr><td><i>North Building, N302 (Oberndorf A/B)</i></td><td><i>Zambrano Building, Z301</i></td></tr><tr><td>To Brush or Not to Brush: Product Rankings, Customer Search, and Fake Orders, Chen Jin, Luyi Yang and Kartik Hosanagar <i>Discussant: Stefanos Zenios</i></td><td>Decision Forest: A Nonparametric Approach to Modeling Irrational Choice, Yi-Chun Chen and Velibor Misić <i>Discussant: Huseyin Topaloglu</i></td></tr><tr><td>Dynamic Pricing with Unknown Non-Parametric Demand and Limited Price Changes, Georgia Perakis and Divya Singhvi <i>Discussant: Victor Araman</i></td><td>Click-Based MNL: Algorithmic Frameworks for Modeling Click Data in Assortment Optimization, Jacob Feldman, Ali Aouad, Danny Segev and Dennis Zhang <i>Discussant: Srikanth Jagabathula</i></td></tr></tbody></table>	Spotlight Track 7	Spotlight Track 8	<i>North Building, N302 (Oberndorf A/B)</i>	<i>Zambrano Building, Z301</i>	To Brush or Not to Brush: Product Rankings, Customer Search, and Fake Orders , Chen Jin, Luyi Yang and Kartik Hosanagar <i>Discussant: Stefanos Zenios</i>	Decision Forest: A Nonparametric Approach to Modeling Irrational Choice , Yi-Chun Chen and Velibor Misić <i>Discussant: Huseyin Topaloglu</i>	Dynamic Pricing with Unknown Non-Parametric Demand and Limited Price Changes , Georgia Perakis and Divya Singhvi <i>Discussant: Victor Araman</i>	Click-Based MNL: Algorithmic Frameworks for Modeling Click Data in Assortment Optimization , Jacob Feldman, Ali Aouad, Danny Segev and Dennis Zhang <i>Discussant: Srikanth Jagabathula</i>																						
Spotlight Track 7	Spotlight Track 8																														
<i>North Building, N302 (Oberndorf A/B)</i>	<i>Zambrano Building, Z301</i>																														
To Brush or Not to Brush: Product Rankings, Customer Search, and Fake Orders , Chen Jin, Luyi Yang and Kartik Hosanagar <i>Discussant: Stefanos Zenios</i>	Decision Forest: A Nonparametric Approach to Modeling Irrational Choice , Yi-Chun Chen and Velibor Misić <i>Discussant: Huseyin Topaloglu</i>																														
Dynamic Pricing with Unknown Non-Parametric Demand and Limited Price Changes , Georgia Perakis and Divya Singhvi <i>Discussant: Victor Araman</i>	Click-Based MNL: Algorithmic Frameworks for Modeling Click Data in Assortment Optimization , Jacob Feldman, Ali Aouad, Danny Segev and Dennis Zhang <i>Discussant: Srikanth Jagabathula</i>																														