



The Conference on Digital Experimentation (CODE@MIT)

	Friday, October 10)th	
8:00-9:00am	Breakfast and Opening Remarks		
9:00-10:45am	Plenary Session A (E62-233)		
	Session Chair: Sinan Aral		
	A Brief History of Virtual Labs: From Small Worlds to Crisis Mapping. Duncan Watts (Microsoft)	The Impact of Deep Learning. Jeremy Howard (Khosla Ventures)	
	Crowdphysics: Studies of Permeability in Spatiotemporal Networks of People. Eric Horvitz (Microsoft)	On the Roots of Privacy Concerns. Alessandro Aquisti (Carnegie Mellon Univ.)	
10:45-11:15am	Coffee Break (E62 Gallery)		
11:15-1:00pm	Parallel Session B: "Advertising, Marketing and Demand" (E62-262)	Parallel Session C: "Experimental Design & Methods I" (E62-276)	
	Session Chair: Alessandro Aquisti	Session Chair: Duncan Watts	
	Proactive Customer Education, Customer Retention, and Demand for Technology Support: Evidence from a Field Experiment. German F. Retana (INCAE Business School), Chris Forman (Georgia Institute of Technology), and D. J. Wu (Georgia Institute of Technology).	Mechanism Design for Data Science. Shuchi Chawla (University of Wisconsin-Madison), Jason Hartline (Northwestern Univ. and Harvard Univ.), and Denis Nekipelov (Univ. of Virginia).	
	Morphing Theory and Applications. Gui Liberali (Erasmus Univ. and MIT), John Hauser (MIT), and Glen Urban (MIT).	Incentive-Compatible Experiment Design. David C. Parkes (Harvard Univ.), Elery Pfeffer (Pursway, Inc.), Panos Toulis (Harvard Univ.), James Zou (Microsoft Research), and Guy Gildor (Pursway, Inc.).	
	Tweets and Sales. Shiyang Gong (Tsinghua Univ.), Juanjuan Zhang (MIT) , Ping Zhao (Tsinghua Univ.), and Xuping Jiang (Tsinghua Univ.).	Design and Analysis of Experiments in Networks: Sufficient Conditions for Reducing Bias from Interference. Dean Eckles (Facebook, Inc.), Brian Karrer (Facebook, Inc.), and Johan Ugander (Cornell Univ.).	
	The Cost of Annoying Ads. Daniel G. Goldstein (Microsoft Research), R. Preston McAfee (Google Strategic Technologies), and Siddharth Suri (Microsoft Research).	Protocols for Randomized Experiments to Identify Network Contagion. A.C. Thomas (Carnegie Mellon Univ.) and Michael Finegold (Carnegie Mellon Univ.).	
	Targeting, Retargeting and the Effectiveness of Search Engine Advertising: Evidence from Randomized Field Experiments. Michael Smith (Carnegie Mellon Univ.) and Rahul Telang (Carnegie Mellon Univ.).	Optimal Design of Experiment with Network-Correlated Outcomes. Edoardo M. Airoldi (Harvard Univ.) and Guillaume W. Basse (Harvard Univ.).	
1:00-2:15pm	m Lunch (E62 Gallery)		
2:15-4:00pm	Parallel Session D: "Mobile Experiments" (E62-262)	Parallel Session E: "Collective Action" (E62-276)	
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	Session Chair: Eric Horvitz	Session Chair: Jeremy Howard	
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0.20 0.20	Saturday, October		
8:30-9:30am	·		
9:30-11:00am	Plenary Session G (E62-233)		
	Using Short-Term Experiments in a Long-Term World. Susan Athey (Stanford Univ.)	Erik Brynjolfsson Lessons from Running Thousands of A/B Tests. Ron Kohavi (Microsoft)	
	Field Experiments on Online Advertising. David Reiley (Google)	${\bf Transforming\ Marketing\ Analytics\ in\ Consumer\ Focused\ Organizations.}\ {\it Eric\ Anderson\ (Northwestern\ Univ.)}$	
1:00-11:30am	Coffee Break	(E62 Gallery)	
:30am-1:15pm	Parallel Session H: "Social Influence Bias" (E62-262)	Parallel Session I: "Experimental Design & Methods II" (E62-276)	
	Session Chair: Ron Kohavi	Session Chair: Sendhil Mullainathan	
	Escaping the Herd: Evidence on the Need to Be Different in Social Networks from a Large Field Experiment. Monic Sun (Boston Univ.), Xiaoquan (Michael) Zhang (Hong Kong Univ. of Science and Technology), and Feng Zhu (Harvard Business School).	A Common Language for Online Experiments. Eytan Bakshy (Facebook, In Dean Eckles (Facebook, Inc.), and Michael Bernstein (Stanford Univ.).	
	Measuring and Mitigating Bias in Online Ratings: A Field Experiment. Georgios Askalidis (Northwestern Univ.), Greg Stoddard (Northwestern Univ.), and Georgios Zervas (Boston Univ.).	Design of Randomized Experiments in Networks. Dylan Walker (Boston Univ.) and Lev Muchnik (Hebrew Univ.).	
	The Value of Employer Reputation in the Absence of Contract Enforcement: A Randomized Field Experiment. Alan Benson (Univ. of Minnesota), Aaron Sojourner (Univ. of Minnesota), and Akhmed Umyarov (Univ. of Minnesota).	Can I Take a Peek? Continuous Monitoring of A/B Tests. Leo Pekelis (Stanfor Univ./Optimizely), David Walsh (Stanford Univ./Optimizely), and Ramesh John (Stanford Univ./Optimizely).	
	Reputation Inflation in Online Marketplaces. John J. Horton (NYU Stern).	Using Negative Controls to Validate and Repair a Natural Online Experiment. Daniel N. Hill (Integral Ad Science), Alan Hubbard (Univ. of California, Berkeley), and Kiril Tsemekhman (Univ. of California, Berkeley).	
	Reporting Bias and Reciprocity in Online Reviews: Evidence From Field Experiments on Airbnb. Andrey Fradkin (NBER), Elena Grewal (Airbnb, Inc.), David Holtz (Airbnb, Inc.), and Matthew Pearson (Airbnb, Inc.).	Controlled, Large, Online Social Experiments: The CLOSE Platform. Kiran Lakkaraju (Sandia National Labs), Brenda Medina (Sandia National Labs), Alis N. Rogers (Sandia National Labs), Derek M. Trumbo (Sandia National Labs), Ann Speed (Sandia National Labs), and Jonathan T. McClain (Sandia National Labs).	
1:15-2:30pm	Lunch (E62 Gallery) and Poster Slam (E62-233)		
2:30-4:15pm	Parallel Session J: "Viral Incentive Systems" (E62-262)	Parallel Session K: "Experiments in Systems Design" (E62-276)	
	Session Chair: Claudia Perlich	Session Chair: David Reiley	
	Session Chair: Claudia Perlich The Effect of Reward Quantification on Actual Program Participation. Eleanor Putnam-Farr (MIT) and Jason Riis (Univ. of Pennsylvania).	Is Social Network Platform Integration Valuable for an Online Service? A Randomized Field Experiment and Archival Data Analysis. <i>Michael Frutig</i>	
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	The Effect of Reward Quantification on Actual Program Participation. Eleanor Putnam-Farr (MIT) and Jason Riis (Univ. of Pennsylvania). Price Discounts and Peer Effects in Information Goods: Results from a Large Scale Organic in-Vivo Randomized Experiment. Miguel Godinho de Matos (Carnegie Mellon Univ. and Catolica-Lisbon), Pedro Ferreira (Carnegie Mellon Univ.), and	Is Social Network Platform Integration Valuable for an Online Service? A Randomized Field Experiment and Archival Data Analysis. Michael Frutigo (Georgia Institute of Technology), Eric Overby (Georgia Institute of Technology), and D.J. Wu (Georgia Institute of Technology). The Effect of Website-Initiated Participation on Users' On-Site Behavior an Spending. Lior Zalmanson (Tel Aviv Univ.) and Gal Oestreicher-Singer (Tel Aviv Univ.)	
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Correlation Rather than Causation? Incentive Issues in the Digital

Advertising Industry. Claudia Perlich (Dstillery)





6:30-7:30pm

Poster Session and Reception (E62 Gallery)

Digital Democracy: Increasing Voter Turnout Using Email Messages and Facebook Advertisements. Katherine Haenschen (Univ. of Texas at Austin).

Using Field Experimentation to Understand Information Quality in User-generated Content. Roman Lukyanenko (Florida International Univ.) and Jeffrey Parsons (Memorial Univ. of Newfoundland).

How Optimal Are We At Fusing Decisions? Aditya Vempaty (Syracuse Univ.), Gregory J. Koop (Syracuse Univ.), Amy H. Criss (Syracuse Univ.), and Pramod K. Varshney (Syracuse Univ.).

Organization Vision - Experimentation on its Effective Communication. Supriya Nambiar (Indian Institute of Management Kozhikode) and Gopalakrishnan Narayanamurthy (Indian Institute of Management Kozhikode). [Remote]

An Integrated Web Experiment Tool Using Opensource Software. Roger Seiler (Zurich Univ.) and Linda Miesler (Zurich Univ.).

Behavioral Design & Continuous Experimentation in an Online Investment Advisor. Daniel P. Egan (Betterment) and Patrick Burns (Betterment).

Data Analytics Research in Public Universities. Alan F. Smeaton (Dublin City Univ.)

Workshop Dinner and Social @ Commonwealth Cambridge 11 Broad Canal Way

8:00pm