

# CODE@MIT 2021 Parallel Session 1A 1B and 1C

## 1A: Online Lab Experiments

### Authors

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|---|--|--|
| 1 | Collective Problem-Solving of Groups Across Tasks of Varying Complexity      | Abdullah Almaatouq (MIT Sloan), Mohammed Alsobay (MIT Sloan), Ming Yin (Purdue University), Duncan J. Watts (University of Pennsylvania)   |
| 2 | Strategic Resource Sharing in Networks can Exacerbate Existing Inequalities  | Eaman Jahani (MIT), Dean Eckles (MIT)  |
| 3 | Building an interpretable NLP system to encourage civil discourse            | Burint Bevis (Imperial College London), Michael Yeomans (Imperial College London)  |
| 4 | Virtuous Victims   | Jillian Jordan (Harvard Business School), Maryam Kouchaki (Kellogg School of Management, Northwestern University)  |
| 5 | Six Minutes Myth: Device Usage Differences in the Context of Online Learning | Naama Ilany-Tzur (Ben-Gurion University of the Negev), Chloe Ohana (Ben-Gurion University of the Negev), Tehila Biton (Ben-Gurion University of the Negev), Lior Fink (Ben-Gurion University of the Negev) |

## 1B: Methods I - Experimentation with Spillovers

### Authors

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|---|---|--|
| 1 | Optimal Design of Spatiotemporal Experiments  | Ruoxuan Xiong (Emory), Alex Chin (Lyft), Sean Taylor (Lyft), Susan Athey (Stanford)  |
| 2 | Interference, Bias, and Variance in Two-Sided Marketplace Experimentation: Guidance for Platforms | Hannah Li (Stanford), Geng Zhao (UC Berkeley), Ramesh Johari (Stanford), Gabriel Weintraub (Stanford)                            |
| 3 | Tradeoffs in defining experimental units and designing RCTs with multiple sources of interference | Ravi B. Sojitra (Stanford), Guido W. Imbens (Stanford), Irene Lo (Stanford), Joann de Zegher (MIT)                               |
| 4 | Design and Analysis of Bipartite Experiments under a Linear Exposure-Response Model               | Christopher Harshaw (Yale), Fredrik Sävje (Yale), David Eisenstat (Google), Vahab Mirrokni (Google), Jean Pouget-Abadie (Google) |
| 5 | Near-Optimal Experimental Design for Networks: Independent Block Randomization                    | Ozan Candogan (UChicago), Chen Chen (UChicago), Rad Niazadeh (UChicago)  |

## 1C: Social Media & Misinformation

### Authors

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|---|---|--|
| 1 | Demand for Digital Attention: Evidence from a Social Media Experiment | Guy Aridor (Columbia)  |
| 2 | Quantifying the User Value of Social Media Data                       | Avinash Collis (UT Austin), Alex Moehring (MIT), Ananya Sen (CMU), Alessandro Acquisti (CMU) |

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<b>3</b>	Turn on, tune in, drop out: measuring attention in an experimental social media environment	Ziv Epstein, Antonio Alonso Arechar, Gordon Pennycook, David Rand
<b>4</b>	Perverse Downstream Consequences of Debunking	Mohsen Mosleh (MIT;Exeter), Cameron Martel (MIT), Dean Eckles (MIT), David Rand (MIT)
<b>5</b>	Dissonant Messages Decrease Reliance on Perceptual Reasoning in Multimedia Truth Discernment	Matthew Groh (MIT Media Lab), Aruna Sankaranarayanan (MIT Media Lab), Andrew Lippman (MIT Media Lab)