Day I: Monday, May 14, 2018

9:00-9:15 – gathering and greetings

9:15-10:45 – Session I: New Forms of Prediction and Knowing in Law
Oren Tsur, Ben-Gurion University Dept. of Software & Information Systems Engineering, *A Killer Application – Machine Learning Analysis as Evidence in Court*

11:00-13:00 – Session II: Law as Text
Inbal Yahav, Bar-Ilan University Faculty of Law, *The Constitutional Dialogue Between Courts and Legislatures*

13:45-15:15 – Session III: Law as Network
Oren Perez, Bar-Ilan University Dept. of Information Science, *The Networked Nature of Institutions for Collective Action*

15:30-17:00 – Session IV: Using Big Data to Expose Ethical Biases
Tamar Kricheli-Katz, Tel Aviv University Faculty of Law, *Hagai Porat, Tel Aviv University Faculty of Law, Tali Regev, IDC Herzliya School of Economics, A Room of One's Own: Race and Sex Discrimination on AirBnB*
Moran Ofir, IDC Herzliya Law School, *Tomer Felach, Hebrew University Faculty of Law, Uriel Procaccia*,Tel Aviv University Faculty of Law Hebrew University Center for the Study of Rationality, *Piercing the Corporate Veil: Theoretical Analysis and Empirical Evidence from Israel*

17:15-18:30 – Round Table: Methodological Frontiers in Law & the Digital Humanities
Opening remarks: Shulamit Michaeli, Vice President for Research, Bar-Ilan University
Moderator: Oren Perez, Dean, Bar-Ilan University Faculty of Law
Ido Dagan, Director, Data Science Institute, Dept. of Computer Science, Bar-Ilan University
Daniel Martin Katz, Chicago-Kent College of Law
Sinai Rusinek, Bar-Ilan University Graduate Program in Science, Technology and Society
Maayan Zhitomirsky-Geffet, Bar-Ilan University Dept. of Information Science

19:00-21:00 – dinner

Day II: Tuesday, May 15, 2018

9:00-10:30 – Session V: Data in the Administrative State
Bernard Black, Northwestern University School of Law, *Health Insurance and Mortality*
Adi Ayal, Bar-Ilan University Faculty of Law, *Promoting Small Businesses? Credit Reforms in Israel and the Biases They Create*

10:45-12:15 – Session VI: Blockchain as a Regulatory Mechanism
Miriam Bitton, Bar-Ilan University Faculty of Law, *Lital Helman, Orno Academic College Faculty of Law, Gideon Parchomovsky, Bar-Ilan University Faculty of Law, University of Pennsylvania Law School, Blockchain: the Future of Intellectual Property Registries*
Karen Yeung, University of Birmingham School of Law/School of Computer Science, *Regulation by Blockchain: The Emerging Battle for Supreme between the Code of Law and Code as Law*

13:00-14:30 – Session VII: Digital Privacy: Small Data, Big Data
Michael Birnhack, Tel Aviv University Faculty of Law & Tal Morse, Hadassah Academic College, *Digital Legacy: Posthumous Privacy and Memory*
Robin Pierce, Tilburg Institute for Law Technology and Society, *Machine Learning in Diagnosis and Treatment: Gymnastics for the GDPR*

14:45-16:15 – Session VIII: Networks of International Law
Wolfgang Alschner, University of Ottawa Faculty of Law, *Changing Treaties, Changing Jurisprudence? The Impact of Treaty Design Differences on Precedential Reasoning in Investment Arbitration*
Krzysztof J. Pelc, McGill University Department of Political Science, *The Development Arc of International Courts*

16:30-18:00 – Workshop: Big Data in Legal Practice
Co-host: Yigal Arnon & Co. Law Firm

Conference organizers: Ori Aronson, Oren Perez