Bar-Ilan University Faculty of Law
with the Bar-Ilan University Data Science Institute

Law, Artificial Intelligence and Data Science: Challenges and Opportunities
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Launching the BIU LawData Lab

The Jean & Maurice Building (306) Room 200 (2nd floor), Bar-Ilan University
December 17-19, 2019

Day 1: December 17 - Legal Tech and Legal Practice in the Digital Age

[Day 1 is held in Hebrew]

16:00-16:15: Greetings and Launch of the BIU LawData Lab
Prof. Oren Perez, Dean, Bar-Ilan University Faculty of Law
Prof. Ido Dagan, Head of the Data Science Institute, Bar-Ilan University, Department of Computer Science
Dr. Ittai Bar-Siman-Tov, Head of the BIU LawData Lab, Bar-Ilan University Faculty of Law

16:15-16:30: Ethical Risks in Digital Devices: A Data Science Approach
Dr. Ayelet Sela, Bar-Ilan University Faculty of Law

16:30-17:30: Data-Driven Legal Tech in Israel: Challenges and Opportunities
Chair: Dr. Ayelet Sela, Bar-Ilan University Faculty of Law
Mr. Ilan Admon, Co-Founder & CTO, LawGeex
Mr. Guy Uziel, Co-Founder & CTO, Liti-Gate
Adv. Yuval Man, Co-Founder & CEO, DigitalOwl

17:30-17:45: Coffee Break

17:45-19:00: Legal Practice in the Age of Big Data
Chair: Dr. Miriam Marcowitz-Bitton, Bar-Ilan University Faculty of Law
Mr. Eldad Canetti, Deputy Director for Policy and Strategy, Ministry of Justice
Adv. Efrat Shuster, Partner, S. Friedman & Co.
Adv. Tomer Scheuerman, Partner, S. Horowitz & Co.
Adv. Daniel Damboritz, Partner, Yigal Arnon & Co.
Adv. Osnat Sarusi Firstater, Partner, Agmon & Co. Rosenberg Hacohen & Co.

19:00: Cocktail Dinner

To register (free of charge) please click here

Day 2: December 18 - International Conference on Law, AI and Data Science

[Days 2 & 3 are held in English]

09:45: Gathering and Coffee

10:15-10:30: Greetings and Launch of the BIU LawData Lab
Prof. Oren Perez, Dean, Bar-Ilan University Faculty of Law
Dr. Ittai Bar-Siman-Tov, Head of the BIU LawData Lab, Bar-Ilan University Faculty of Law

10:30–12:00: AI and Big Data in Law and Governance
Chair: Prof. Oren Perez, Dean, Bar-Ilan University Faculty of Law
Prof. Michael Livermore, University of Virginia School of Law
The Promises and Pitfalls of Law as Data

Prof. Niva Elkin Koren, University of Haifa Faculty of Law
Checks and Balances in Governance by AI

Prof. Karine Nahon, Interdisciplinary Center Herzliya (IDC), University of Washington
Challenging Democracy with AI

12:00-13:00: Lunch

13:00-14:30: Network Analysis & Law
Chair: Dr. Miriam Marcowitz-Bitton, Bar-Ilan University Faculty of Law
Prof. Henrik Palmer Olsen, University of Copenhagen Faculty of Law
The Weight of Precedent: From Abstract Theorizing to Concrete Application

Prof. Michal Shur-Ofry, Hebrew University of Jerusalem Faculty of Law
(co-authored with Prof. Neil Gandal, Michael Crystal and Royee Shilony)
Out of Sight: A Study of Uncited Patents

Prof. Reuven Cohen, Prof. Oren Perez & Ofir Stegmann, Bar-Ilan University Faculty of Law &
Department of Mathematics
Transnational Network Governance

14:30-15:00: Coffee Break

15:00-17:00: Data Science Perspectives on Courts, Legislation and Regulation
Chair: Adv. Daniel Greenberg, UK Parliament, and Visiting Fellow, Bar-Ilan University Faculty of Law
Prof. Keren Weinshall, The Hebrew University of Jerusalem Faculty of Law
(co-authored with Prof. Lee Epstein)
Developing 'Big Data' Infrastructure for Legal Analytics:
Introducing the Israeli Supreme Court Database

Dr. Ittai Bar-Siman-Tov, Head of the BIU LawData Lab, Bar-Ilan University Faculty of Law
Using Data Science to Study the Impact of Judicial Review on Legislative Behavior

Prof. Monica Palmirani, University of Bologna Department of Legal Sciences
Semantic Web Ecosystem for Modelling Legal Knowledge in AI Era: "Law as Code"

Prof. Fabiana Di Porto, University of Salento and Visiting Professor, Hebrew University Faculty of Law
Targeting Disclosure Regulation through Algorithms

To register (free of charge) please click here

Day 3: December 19 - International Conference on Law, AI and Data Science

10:00: Gathering and Coffee

10:30-12:00: Justice and Ethics in the Age of Big Data and AI
Chair: Prof. David Sarne, Bar-Ilan University Department of Computer Science
Adv. Limor Shmerling-Magazanik, Managing Director, Israel Tech Policy Institute
Sustaining Ethics while Undergoing a Digital Transformation

Dr. Erlis Themeli, Erasmus University Rotterdam School of Law
Perception of Justice by Algorithm
Dr. Yotam Kaplan, Bar-Ilan University Faculty of Law
(co-authored with Prof. Yuval Feldman)
Big Data & Bounded Ethicality

12:00-13:00: Lunch

13:00-14:30: Privacy and Data Regulation in the Digital Age
Chair: Dr. Adi Libson, Bar-Ilan University Faculty of Law
Dr. Bart Van der Sloot, Tilburg University Institute for Law, Technology, and Society
Should We Regulate Non-Personal Data?

Dr. Tehilla Shwartz Altshuler, The Israel Democracy Institute
Privacy as the Queen of Human Rights in the Age of Big Data

Dr. Aviv Gaon, Interdisciplinary Center Herzliya (IDC)
The Hidden Impact of Data Regulation

14:30- 15:00: Coffee Break

15:00- 16:30: Analysis of Privacy Policies and Terms of Service with Data Science Tools
Chair: Dr. Oren Glickman, DSI, Ba-Ilan University
Prof. Florencia Marotta-Wurgler, New York University School of Law
The Role of Machine Learning and Other Empirical Methods in Analyzing Privacy Policies

Dr. Ayelet Sela, Bar-Ilan University Faculty of Law
(co-authored with Dr. Ittai Bar-Siman-Tov, Dr. Jonathan Schler, Alon Singer and Prof. David Sarne)
Unsupervised Machine Learning of Mobile App Privacy Policies:
Topic Extraction Techniques Reveal Content and Structure Patterns

Dr. Inbal Yahav Shenberger, Tel Aviv University School of Management
(co-authored with Dr. Ittai Bar-Siman-Tov, Dr. Ayelet Sela and Dr. Gahl Silverman)
Cognitive Concept Analysis: A Semi-Automated Approach
for Detecting Ethical Risks in Contracts

16:30- 17:00: Closing Remarks
Prof. Oren Perez, Dean, Bar-Ilan University Faculty of Law

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