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

Law, Artificial Intelligence and Data Science: Challenges and Opportunities

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

19:00: Cocktail Dinner

The event is supported by the Ministry of Science and Technology Grant No. 3-15723

To register (free of charge) please click here
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

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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

Conference Conveners: Dr. Ayelet Sela; Dr. Ittai Bar-Siman-Tov;
Dr. Miriam Marcowitz-Bitton; Prof. Oren Perez;
Conference Coordinators: Ms. Aliza Haber; Ms. Aviva Fisch

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