

**ISP / ISPI Reading Group:
Artificial Intelligence, Robotics and Law**

Syllabus – Introduction

This informal, international, discussion-oriented reading group will explore the impact of Artificial Intelligence and robotics on law and society, through the lens of three main topics – Ethics, Regulation, and Liability. We will hold four 1.5 hour sessions, hosted by different specialists in one of the aforementioned fields, simultaneously in the ISP at 40 Ashmun and in ISP – The Israeli Chapter, Tel-Aviv.

ISP – the Israeli Chapter is a new initiative that explores the implications of the internet and information technologies on law and society by creating collaborations with scholars from a wide variety of academic fields. The chapter's focus is on emerging technologies, with eyes set on the future of law.

Mar 29, 7PM- TLV, 1PM- EDT : Introduction to Artificial Intelligence
Guest Host: Dr. Roey Tzezna

What is AI? What are different autonomy levels? What is a robot? What is the difference between AI and robotics? Alongside the benefits of future police robots, such as decreasing dangers to police officers, the use of robots introduces new questions about how the law and democratic norms should guide policing decisions. How will we design, regulate, or even prohibit some uses of police robots?

- Elizabeth E. Joh, *Policing Police Robots*, 64 UCLA L. REV. DISC. 516 (2016), available at <http://www.uclalawreview.org/wp-content/uploads/2016/11/Joh-D64.pdf>.

Apr 29, 7PM- TLV, 1PM- EDT: The Ethics of AI
Guest Host: Dr. Dov Greenbaum

How to program ethics into robots? Can we trust robots to make moral decisions? What makes a robot to a moral robot? Should robots even take moral decisions? What happens when a robot encounters paradoxes or unresolvable conflicts?

- Boer Deng, *Machine Ethics: The Robot's Dilemma*, NATURE (Jul. 1, 2015), <http://www.nature.com/news/machine-ethics-the-robot-s-dilemma-1.17881>
- Satya Nadella, *The Partnership of the Future*, SLATE (Jun. 28, 2016, 2:00 PM), http://www.slate.com/articles/technology/future_tense/2016/06/microsoft_ceo_satya_nadella_humans_and_a_i_can_work_together_to_solve_society.html

May 10, 7PM- TLV, 1PM- EDT: Regulatory Challenges
Guest Host: Ido Manor

We will discuss the feasibility and pitfalls of government regulation of AI, with a focus on conceptual challenges and practical challenges. We will also raise the question regarding the most suitable entity (legislatures, agencies, or courts) to establish the guiding principles for AI regulation. In light of these challenges and competencies, the assigned article offers a proposed framework for AI regulation based on differential tort liability.

- Matthew U. Scherer, *Regulating the Artificial Intelligence Systems: Risks, Challenges, Competencies and Strategies*, 29 HARV. J.L. & TECH. 353 (2016), available at <http://jolt.law.harvard.edu/articles/pdf/v29/29HarvJLTech353.pdf>.
Draft Report of the European parliament with recommendations to the Commission on Civil Law Rules on Robotics, available at

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<http://www.europarl.europa.eu/sides/getDoc.do?pubRef=-//EP//NONSGML%2BCOMPARL%2BPE-582.443%2B01%2BDOC%2BPDF%2BV0//EN>

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May 17, 7PM- TLV, 1PM- EST: Criminal and Tort Liability

Robots are not suitable subjects of criminal punishment, mainly because they cannot conceive of themselves as morally responsible agents and because they cannot understand the concept of retributive punishment. The discussion will raise questions about criminal liability of robots and their operators, as well as questions about robot's rights – if such rights can exist.

- Sabine Gless, Emily Silverman & Thomas Weigend, *If Robots Cause Harm, Who Is To Blame? Self-Driving Cars and Criminal Liability*, 19 NEW CRIM. L. REV. 412 (2016), available at https://papers.ssrn.com/sol3/Papers.cfm?abstract_id=2724592.
- David C. Vladeck, *Machines without Principals: Liability Rules and Artificial Intelligence*, 89 WASH. L. REV. 117 (2014), available at <http://digital.law.washington.edu/dspace-law/bitstream/handle/1773.1/1322/89WLR0117.pdf?sequence=1>.