

OSTROM WORKSHOP COLLOQUIUM SERIES

Tabrez Ebrahim

Associate Professor
California Western School of Law

“Patenting Deep Learning”

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Deep learning technology has been gaining wide spread momentum in the artificial intelligence (AI) community. With more sophisticated AI engine architectures, model training algorithms, and self-executing applications, questions concerning patentability are at the forefront of AI and patent law policy. Now, as AI has important implications for business and national innovation strategy, the time is ripe for examining justifications for exclusive rights in deep learning in order to develop ample incentives to foster the long-term goal of general-purpose AI. To that end, this Article introduces “dynamicism” to identify tensions with overbreadth of method patent claims and related challenges with disclosure and possession of the deep learning invention. The Article draws upon economic theories underlying the patent system to propose a modified prospect theory justification for a more holistic AI innovation law and policy framework.

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[Tabrez Ebrahim](#) is an Associate Professor at California Western School of Law and is a registered U.S. patent attorney. He writes, teaches, and consults in the areas of patent law and innovation, entrepreneurship and business law, and law and technology. He is an Ostrom Visiting Scholar at Indiana University, Bloomington and a Visiting Scholar at University of California, Los Angeles School of Law. Professor Ebrahim graduated with a B.S. degree in mechanical engineering from the University of Texas at Austin (with High Honors), M.S. degree in mechanical engineering from Stanford University, J.D. and M.B.A. degrees from Northwestern University, and a LL.M. degree in intellectual property and information law from the University of Houston Law Center.

Presentations are open to the public and are live streamed (see our website for URL and papers). You are welcome to bring your lunch. For questions, contact Allison Sturgeon (sturgeon@iu.edu; 812/855–3151).