

COLLOQUIUM

Interactive Machine Learning Across Domains

Lev Reyzin

University of Illinois at Chicago

Abstract: Interactive learning algorithms have the power to engage with their data and can overcome many limitations of their passive counterparts. In this talk, I will present new algorithms and new models that I have developed for interactive learning. These results include the development of new pool-based, bandit, and query learners. I will also discuss applications and future research challenges for interactive machine learning settings, focusing on the life sciences.

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