Statistics Colloquium Series

Emilie Kaufmann

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Non-parametric Exploration In Multi-armed Bandits

Monday, Feb. 28th, 12:00-1:00pm (EDT)
Science Center Room 316

About Dr. Kauffman:

I am a CNRS Junior Researcher in the CRIStAL at Université de Lille. I am also a member of the Inria team Scool. I am interested in statistics and machine learning, with a particular focus on sequential learning.

In particular, I have studied several variants of the Multi-Armed Bandit (MAB) model, a powerful framework for sequential resource allocation. Recent directions of research include the application of MABs to cognitive radios, to clinical trials or to the design of AI in games. More broadly I am interested in sequential testing, and reinforcement learning.