SORA–BN–TABA Workshop & DLSPH Biostatistics Research Day

Recent Advances in Deep Learning: Learning Structured, Robust, and Multimodal Models

Health Sciences Building • 155 College Street • 6th Floor Auditorium • Toronto • ON
April 30 • 2014

Statistical machine learning is a very dynamic field that lies at the intersection of Statistics and computational sciences. The goal of statistical machine learning is to develop algorithms that can "learn" from data using statistical and computational methods. Over the last decade, numerous research fields, such as computational biology, neuroscience, artificial intelligence, data mining, signal processing, finance have been strongly influenced by advances in machine learning.

This one-day course provides detailed overview of statistical models for data mining, inference and prediction, as well as about recent advances in deep learning techniques. Some knowledge of statistical modeling, especially regression techniques will be useful.

Online registration is available at:
http://www.biostatisticsworkshops.com/event/list

For more information regarding this workshop, please visit:
http://sorataba.org/sora-bn-taba-annual-workshop-2014

Dr. Ruslan Salakhutdinov received his PhD in computer science from the University of Toronto in 2009. After spending two post-doctoral years at the Massachusetts Institute of Technology Artificial Intelligence Lab, he joined the University of Toronto as an Assistant Professor in the Departments of Statistics and Computer Science. His primary interests lie in artificial intelligence, machine learning, deep learning, and large-scale optimization. His main research goal is to understand the computational and statistical principles required for discovering structure in large amounts of data.

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