



LAKE TAHOE NEVADA

DECEMBER 5 - 10, 2013

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NEURAL INFORMATION PROCESSING SYSTEMS



TUTORIAL SPEAKERS

Richard Wilkinson (University of Nottingham)
Approximate Bayesian Computation (ABC)

Judea Pearl and Elias Bareinboim (UCLA)
Causes and Counterfactuals: Concepts, Principles and Tools

John Langford (Microsoft Research)
Connecting the Dots

Jeff A. Bilmes (University of Washington)
Deep Mathematical Properties of Submodularity with Applications to Machine Learning

John Baez (U. C. Riverside)
Information Geometry

James J. DiCarlo (MIT)
Mechanisms Underlying Visual Object Recognition: Humans vs. Neurons vs. Machines

INVITED SPEAKERS

Deborah Estrin (Cornell NYC Tech)
Small, n=me, Data

Matthew Wilson (MIT)
Memory Reactivation in Awake and Sleep States

Daphne Koller (Stanford University & Coursera Inc)
The Online Revolution: Learning Without Limits

Jennifer T. Chayes (Microsoft Research)
Belief Propagation Algorithms: From Matching Problems to Network Discovery in Cancer Genomics

Peter Dayan (University College London)
Neural Reinforcement Learning

Richard Durbin (Wellcome Trust Sanger Institute)
New Methods for the Analysis of Genome Variation Data

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