Seminar

Machine Learning and The Future of Statistics

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Wednesday June 15th, 2011

12.00

Aula Cucconi

Abstract

I will discuss several ideas from machine learning and their implications for the field of statistics. The topics include: high-dimensional classification, semi-supervised inference and manifold learning. I will argue that statisticians should embrace a more machine learning perspective where models and traditional inference play a much smaller role.

Larry Wasserman is Professor of Statistics at Carnegie Mellon University. He is also a member of the Center for Automated Learning and Discovery in the School of Computer Science. His research areas include nonparametric inference, asymptotic theory, causality, and applications to astrophysics, bioinformatics, and genetics. He is the author of the books "All of Statistics" (Springer) and of "All of Nonparametric Statistics" (Springer).