



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Dipartimento di Statistica,
Informatica, Applicazioni
"Giuseppe Parenti"

Eccellenza 2023-2027

Babak Shahbaba

(UNIVERSITY OF CALIFORNIA, USA)

19 February 2026, 10.00 am

Room 205 Campus Morgagni F

Introduction to Bayesian Nonparametrics

This workshop introduces key concepts and methods in Bayesian nonparametric modeling. Participants will learn about foundational approaches such as the Dirichlet process, Gaussian process, and Bayesian neural networks, exploring how these models enable flexible, data-driven inference in a wide range of applications. Through illustrative examples, the workshop will emphasize both the methodological foundations and practical implementation of these techniques in modern Bayesian analysis.