Bayes By the Sea

Formal Epistemology, Statistics, and Game Theory

Summer School

Ancona, 25 August - 1 September 2019
Università Politecnica delle Marche, Facoltà di Economia "Giorgio Fuà"

The School aims to bring together international experts in such fields as philosophy of statistics, philosophy of science, game theory and social epistemology in order to address foundational questions in the sciences from new perspectives, with a special focus on formal models of social interactions and scientific inference.
In particular, students will attend to both theoretical lectures held by distinguished scholars in the fields and classes offering tutorials on formal methods and tools, as well as extensive overviews on the school related topics. Each of the school threads will be covered by interactive group work, excercises and one-to-one sessions, which will provide attendees with the opportunity to deepen their proficiency in a particular topic of interest.

In-depth lectures will be given on: **Bayesian Philosophy of Science, Foundations of Statistics, Bayesian Statistics, Social Epistemology, Epistemic Game Theory, and Game-Theoretic Probability**.

Three distinct tutorials will be given by expert scholars, in order to offer students introductory overviews and hands-on classes on the topics, which they feel less familiar.

• **Introduction to Bayesian Epistemology** (William Peden)
• **Introduction to Game Theory** (Mantas Radzvilas)
• **R for Bayesian Statistics** (Momme von Sydow).

Lecturers

Peter Brössel
Ruhr-University Bochum, Bochum

Stephan Hartmann
LMU Munich, Munich

Philip Dawid
University of Cambridge, Cambridge

Andrés Perea
Maastricht University, Maastricht

Anna-Maria Asunta Eder
University of Cologne, Cologne

Jan Sprenger
University of Turin, Turin

Con il patrocinio della Società Italiana di Logica e Filosofia delle Scienze

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