Statistics and philosophy of probability - six degrees of separation

Krzysztof Burdzy
University of Washington, Seattle, USA burdzy@uw.edu

The talk will present some basic ideas contained in my book "The Search for Certainty. On the Clash of Science and Philosophy of Probability".

My main points will be:
(i) The philosophy of probability is a complete intellectual failure.
(ii) Frequency statistics has nothing in common with the frequency philosophy of probability of von Mises.
(iii) Bayesian statistics has nothing in common with the subjective philosophy of probability of de Finetti.

I will develop these points and present my alternative approach.

Key Words: Philosophy of probability, foundations of statistics