

**Center for Formal Epistemology,
Carnegie Mellon University**

Studia Logica

The Logic of Simplicity

**Studia Logica International Conference
Trends in Logic XII**

**Pittsburgh, USA, June 7–9, 2013
<http://StudiaLogica.org/TrendsXII>**

Ockham's razor is the characteristic bias toward simple hypotheses that has characterized scientific inquiry since Copernicus. But what is it, exactly? This workshop aims to revisit that question from a fresh logical perspective. Potential candidates for the simplicity order include dimensionality, Kolmogorov complexity, and VC dimension. Candidates for Ockham's razor, itself, include logical theories for revising belief in light of such an order in the deterministic case and a host of model selection methods on the side of statistics and machine learning. This exploratory, interdisciplinary workshop will explore a number of new and interesting logical questions at the interface of logic and scientific method.

Speakers: Alexandru Baltag, James Delgrande, Nina Gierasimczuk, Kevin Kelly, Hanti Lin, Jacek Malinowski, Eric Martin, Oliver Schulte, Sonja Smets.