

“Gießener Abendgespräche Kognition und Gehirn“

Mittwochs, 18.00 bis 20.00 Uhr, Raum F009

08.07.2015

“Explanatory Value and Probabilistic Reasoning”

Prof. Dr. Jan Sprenger
(Universität Tilburg)

This talk deals with probabilistic analyses of causal and explanatory reasoning, both on the theoretical and the empirical level. First, we motivate Bayesian analyses of explanatory reasoning. Second, by means of conceptual analysis and mathematical representation theorems, we show that explanatory value should be distinct from causal strength. Third, we present recent empirical results that support our standpoint.