



## EINLADUNG ZUM KOLLOQUIUM

**Florian J. Boge**  
(Wuppertal)

**Does science lead us to truth?**

**My go on the No Miracles Argument**

Putnam's famous 'No Miracles Argument' states that scientific realism, the view that mature scientific theories are by and large approximately true, is the only philosophy that does not make the success of science a miracle.

Against this, Howson has famously objected that Putnam's argument is a fallacy: Using a probabilistic model, Howson demonstrates that the probability of truth given success can only be evaluated with reference to the prior probability of truth. This has recently been countered by Henderson or Dawid and Hartmann, by appeal to considerations of the overall rate of success in a given field of research. My talk, in turn, considers an outstanding example of a research field where success is abundant but truth must be sparse nevertheless. Hence, in the 'global' version, the argument is not a fallacy, but it may contain a false premise.

**Florian J. Boge** is a postdoctoral researcher in the DFG funded research unit The Epistemology of the Large Hadron Collider, where he investigates the impact of computer simulations on the epistemic status of LHC data. In 2017, he graduated from his PhD study in Cologne, with a thesis on the epistemology of quantum physics, published as Vol. 10 of the European Studies in Philosophy of Science. Being a former employee of the Düsseldorf Center for Logic and Philosophy of Science, he likes to use his spare time to research on fundamental topics such as the one of the talk.

**Mittwoch, 13.11.2019**  
**12 Uhr**  
**Raum N.10.20**

Kontakt: [iz1@uni-wuppertal.de](mailto:iz1@uni-wuppertal.de),  
[www.izwt.uni-wuppertal.de](http://www.izwt.uni-wuppertal.de)

