

## JOB OFFER No. 2021 / 028

of the **University of Konstanz**, which has been successful in the German Excellence Initiative since 2007.

In the Koselleck project *Reflexive Decision and Game Theory* of Prof. Dr. Wolfgang Spohn at the Department of Philosophy of the University of Konstanz a

### **Research Position in Philosophy / Economics / Mathematics either as Ph.D. position for 3 years (part time 65% E13) or as a Postdoc position for 2 years (full time 100% E13)**

is to be filled at **July 1, 2021**, or at the earliest convenient date. An extension of this position is possible.

The Koselleck project is about the following issues: The paradigm of *homo oeconomicus*, as explicated in modern decision and game theory, shapes extensive parts of our social sciences. These theories count as delivering a basically complete normative ideal and hence serve as the critical reference point of behavioral, psycho-, and neuroeconomics, which attempt to overcome the empirical deficiencies of those theories. In contrast to this mainstream, the present project takes game and decision theory to be normatively deficient and thus attempts to improve the normative ideal of a *homo oeconomicus* and to thereby shift the point of attack of empirical criticism. The project does so by rigorously theorizing 'reflexive ascent'. According to it, a person considers not only her possible actions and their possible consequences, but also her possible (future) decision situations, which entail those actions. This will provide a systematization of so-called dynamic choice, a systematic treatment of (pre-)commitment and self-binding, and in particular a new fundamental equilibrium concept for game theory, which promises a novel treatment of cooperation and indeed a unification of non-cooperative and cooperative game theory.

A more detailed description of the Koselleck project is found at <https://www.philosophie.uni-konstanz.de/ag-spohn/personen/prof-dr-wolfgang-spohn/>. Applicants are requested to study this description. The researcher is supposed to contribute in particular to **section 5** of that description. This requires competences in **mathematical game theory and its environment** and, by the time the position starts, a master\*s degree for the Ph.D. position or a Ph.D. for the postdoc position, in philosophy, mathematics, or economics. He or she will be well embedded not only at the Department of Philosophy, but also at the Department of Economics (Prof. Dr. Urs Fischbacher) and the Department of Mathematics (Prof. Dr. Markus Schweighofer); he or she will be associated to the Graduate School of Decision Sciences and will find an outstanding research environment at our excellence university.

The University of Konstanz is committed to ensuring an environment that provides equal opportunities and promotes diversity as well as a good balance between university and family life. As an equal opportunity employer, we strive to increase the number of women working in research and teaching. We also support working couples through our dual career programme (<https://www.uni-konstanz.de/en/equalopportunities/family/dual-career/>). Persons with disabilities are explicitly encouraged to apply. They will be given preference if appropriately qualified (contact + 49 7531 88–4016).

Applications including a CV, a letter of motivation, a list of publications, possibly a writing sample and a list of courses taught, and copies of academic degree certificates are to be submitted via the application portal <https://stellen.uni-konstanz.de/jobposting/782fb42db0eb46bd5aec03931386eb13a3d2bb000> no later than **March 24, 2021**. For any questions concerning this position please contact Prof. Spohn: [wolfgang.spohn@uni-konstanz.de](mailto:wolfgang.spohn@uni-konstanz.de)