

At the Department of Christian Philosophy of Innsbruck University there is currently a vacancy for a

Full-time Post-Doc Position

The position will be available in **May 2014** and will be granted initially for 12 months, with an option for an extension up to a total of 36 months, as part of the research project "**Agency and (quantum) physics**", an interdisciplinary project funded by the **Templeton World Charity Foundation**.

The project group will consist of four Post-Doc researchers in total: two at the Institute for Theoretical Physics at the University of Innsbruck and the Institute for Quantum Optics and Quantum Information (IQOQI) of the Austrian Academy of Sciences (PI: Prof. Dr. Hans Briegel), one at Innsbruck University's Department of Christian Philosophy (co-PI: Prof. Dr. Edmund Runggaldier), and one at the Department of Philosophy at the University of Konstanz (co-PI: Prof. Dr. Thomas Müller).

Project background

We live in a world that seems to be governed, at all scales, by the laws of physics. How can there be agency in such a world?

On the physics side, we will develop models of agency that can be described in the language of physics and information processing. This will include models of quantum agents that exploit basic features of quantum physics, such as quantum superposition, interference, as well as de-coherence, as a resource for their agency. On the philosophical side, research will start by analyzing these physical models for agents, employing methods from analytical ontology. We will thereby take a fresh look on different current philosophical positions on agency, causation, diachronic identity, intentionality, and powers.

The co-PI Runggaldier is looking for a dedicated researcher with a PhD in philosophy, competent in analytic ontology. Fluency in German and English is required.

Application

Applications should contain the following, in the form of a single PDF document sent by e-mail:

- an application letter in German or English;
- a CV;
- a scan of the PhD certificate;
- a link to an online version of the PhD thesis;
- contact information of two people willing to recommend you for this post;

Please e-mail your digital application to Monika.Datterl@uibk.ac.at

The deadline for applications is 09-05-2014.

Online: <http://www.uibk.ac.at/philtheol/information/vacancy-post-doc.html>