

International Events on Computational Ontology and Metaphysics

Universität Bamberg



Thursday, December 4:

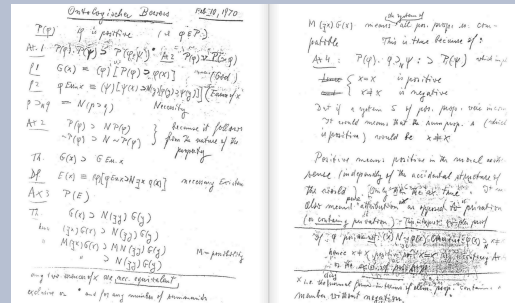
International Workshop on Computational Ontology & Metaphysics (WE5/01.006, Erba)

Morning Session

- 10:00-10:15 Opening: **Christoph Benzmüller** (U Bamberg)
- 10:15-11:00 **Jan von Plato** (U Helsinki): "Modal concepts in Gödel's metamathematics"
- 11:00-11:35 **Brigitte Falkenburg** (TU Dortmund): "Gödel, Kant, and the Incompleteness of Physical Knowledge"
- 11:35-12:10 **Martin Korth** (U Münster): "Do humans process (also) qualitative information? Help from computational metaphysics welcome!"

Afternoon Session

- 13:30-14:30 **Edward Zalta** (Stanford U): How to Ground Semantics in Higher-Order Metaphysics
- 14:30-15:10 **Daniel Kirchner** (U Bamberg): Principia Logico-Metaphysica in Isabelle/HOL
- 15:10-15:30 Grab your coffee
- 15:30-16:30 **Peter Fritz** (UC London): Higher-order Metaphysics
- 16:30-17:10 **Christoph Benzmüller** (U Bamberg): Gödel's and Scott's variants of the ontological argument in Isabelle/HOL
- 17:10-17:30 Short break
- 17:30-18:00 Roundtable debate moderated by **Andrea Vestrucci** (U Bamberg)



Friday, December 5:

Winners' Symposium of the 2025 Kurt Gödel Essay Prize (U5/00.24, Bamberg Center)

Morning Session

- 10:00-10:10 Welcome: **Christoph Benzmüller** (U Bamberg)
- 10:10-10:30 Opening address: **Oliver Passon** (U Wuppertal) and **Rene Talbot** (Kurt Gödel Freundeskreis Berlin)
- 10:30-11:00 **Gary Mar** (Stony Brook University New York): Gödel's Ontological Dream
- 11:00-11:30 **Georgii D. Paksitov** (Moscow): Gödel's Symbolic Philosophy: A Sketch of the System
- 11:30-12:00 **Levin Hornischer** (LMU Munich): Stability Interpretation of Gödel

Afternoon Session

- 14:00-14:30 **Edward Zalta** (Stanford U 2025 and Johann von Spix Visiting Professor at U Bamberg): Unifying and Validating Some Ideas of Kurt Gödel
- 14:30-15:00 **Cordelia Mühlenbeck** (Helmut-Schmidt-U Hamburg): Gödel's holistic ontology - Foundations of science based on an exact theory of metaphysics
- 15:00-15:30 **Tim Lethen** (U Tübingen and U Helsinki): Gödel and the Materialism of Angels
- 15:30-16:00 Roundtable debate moderated by **Andrea Vestrucci** (U Bamberg)
- 16:00 Closing: **Christoph Benzmüller** (U Bamberg) and the Kurt Gödel Freundeskreis

ZIAI

ZENTRUM FÜR INNOVATIVE ANWENDUNGEN DER INFORMATIK

Lehrstuhl für KI-Systementwicklung (AI Systems Engineering, AISE) | Prof. Dr. Christoph Benzmüller