



The Fine Tuned Universe - A New Cosmology?

29 to 31 October 2025

Location: MIAPbP Program Center, Excellence Cluster ORIGINS, Boltzmannstraße 2, Garching

Wednesday, 29 October

9:00 - 10:00 *Welcome & Coffee*

Session 1 Chair: Andreas Burkert (LMU)

10:00 - 10:30 **Fred C. Adams** (University of Michigan)
The Degree of Fine-Tuning in our Universe

10:30 - 11:00 Discussion

11:00 - 11:30 **Erik Curiel** (MCMP, LMU/BHI, Harvard)
Chance Would Be a Fine Thing

11:30 - 12:00 Discussion

12:00 - 14:00 *Lunch*

Session 2 Chair: Stephan Paul (TUM)

14:00 - 14:30 **Til Birnstiel** (LMU)
Building a Habitable Planet

14:30 - 15:00 Discussion

15:00 - 15:30 **Willem B. Drees** (Tilburg)
Universe, Cosmos, Creation: Philosophical Questions and Religious Interpretations

15:30 - 16:00 Discussion

16:00 - 16:20 *Coffee*

18:30 - 22:30 *Speakers Dinner*



Thursday, 30 October

9:00 - 10:00 *Coffee*

Session 3 Chair: Dieter Braun (LMU)

10:00 - 10:30 **Paul Rimmer** (Cambridge)
Fine-tuning for Abiogenesis

10:30 - 11:00 Discussion

11:00 - 11:30 **Olivia Judson** (Evolutionary Biologist and Writer, Berlin)
An Exemplary Planet: Earth, Life, and the Fine-tuning of the Universe

11:30 - 12:00 Discussion

12:00 - 14:00 *Lunch*

15:30 - 16:30 *Coffee & Discussions*

Session 4 Chair: Sebastian Gäb (LMU)

16:30 - 17:00 **Ulf-Gerrit Meißner** (Universität Bonn & Forschungszentrum Jülich)
Fine-Tunings in Nuclear Physics

17:00 - 17:30 Discussion

17:30 - 18:00 **Jessica Frazier** (Oxford)
Reality's Template: Arguments for a fundamental order of reality

18:00 - 18:30 Discussion

18:30 - 20:30 *Catered Social Evening*

Friday, 31 October

9:00 - 10:00 *Coffee*

Session 5 Chair: Friedhelm Hoffmann (LMU)

10:00 - 10:30 **Georgi Dvali** (LMU/MPI für Physik)
Fundamental Physics Versus (Seemingly) Fine Tuned Universe

10:30 - 11:00 Discussion

11:00 - 11:30 **Regine Schulz** (LMU/HAWK Hildesheim)

11:30 - 12:00 Discussion

12:00 - 14:00 *Lunch*

14:00 - 16:00 **Andreas Burkert** (LMU) and **Stephan Paul** (TUM)
Summary and Discussions

16:00 - 16:20 *Coffee*

