

Realism and Modern Science

where: Institute of Philosophy RAS (Moscow, 14 Volkhonka) aud. 215 (1st floor)

when: November 22-23; beginning at 11 am on the 22nd

languages: English and Russian

Programme:

Thursday, Nov. 22

10h30 - 11h Welcoming of participants

11h - 12h10

Marc Lachièze-Rey (Paris, CNRS): Covariant Realism

12h10 - 12h30 - break

12h30 - 13h40

Nikita Golovko (Novosibirsk, RAS): Realistic Rationalism and String Theory

13h40 - 15h - lunch

15h - 16h10

Andrej Sevalnicov (Moscow, RAS): Which Reality is Described by Quantum Mechanics?

16h10 - 16h30 - break

16h30 - 17h40

Tian Y Cao (Boston University): Incomplete, but real – A constructivist account of reference

18h - 19h - social hour (reception)

Friday, Nov. 23

11h - 12h10

Andrei Rodin (Moscow and Saint-Petersburg, RAS): What Comes After Structural Realism?
Homotopy Type Theory and Constructive Identity.

12h10 - 12h30 - break

12h30 - 13h40

Alexander Panov (Moscow State University): The Nature of Mathematics and the Structure of
Reality

13h40 - 15h - lunch

15h - 16h10

Jean-Jacques Szczeciniarz (University Paris-Diderot): The Main Lines of Penrose's
Philosophical Realism. Examples in Quantum Mechanics and Twistor Theory

16h10 - 16h30 - break

16h30 – 17h40

~~Vyacheslav S. Stepin (Moscow, RAS): Disciplinary Ontologies and the Scientific Image~~

~~17h40 - 18h30 - Round Table Discussion~~