

Workshop: intuition and rigour in geometrical thinking from Antiquity to the 19th century

Organizers: **Davide Crippa** (Institute of Philosophy, Centre for Science, Technology, and Society Studies, Czech Academy of Sciences),

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with the support of **GACR GRANT, GJ19-03125Y - *Matematika v Českých zemích: od jezuitského učení po Bernarda Bolzana***, and the project ***Formální epistemologie, Akademická prémie – Praemium Academiae***

10-11th December 2020

Programme

Thursday, 10th December 2020

16.00-16.10 Introduction

16.10-17.00

Georg Schiemer (Wien), **Eduardo Giovannini** (Wien, Santa Fé), *Hilbert on Completeness, Categoricity, and 'Maximal Models'*.

Commentary: **Helena Durnová** (Brno).

17.00-17.10 Pause

17.10-18.00

Theodor Berwe (Hagen), *The Use and Limits of Visual Intuition in Geometry according to J.H. Lambert*.

Commentary: **Vincenzo de Risi** (Paris)

18.00-18.10 Pause

18.10-19.00

Piotr Błaszczyk (Krakow), *How and when the idea that line consists of points got into mathematics.*

Commentary: **Marco Panza** (Chapman, Paris)

Friday, 11th December 2020

16.00-16.50

Saša Popović (Belgrade), *Between intuition and rigor: The Curious Case of Veronese's Non-Archimedean Geometry.*

Commentary: **Tilman Sauer** (Mainz).

16.50-17.00 Pause

17.00-17.50

Benjamin Wilck (Berlin), *Was Euclid a Platonic Philosopher?*

Commentary: **Idit Chikurel** (Hamburg).

17.50-18.00 Pause

18.00-18.50

Jane Orton (Edinburgh), *A Mathematical Icon: Diagrams and Discovery in Plato's Epistemology.*

Commentary: **Michael Friedman** (Berlin).

Participants:

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