

## From Quadrivium to Natural Sciences: New Impulses in the Traditional Framework

Ostrava, Českobratrská 16, room B 303

15<sup>th</sup> – 16<sup>th</sup> November 2018.

### 15<sup>th</sup> November

9:00 Registration begins

9:30 Opening (Michaela Závodná, Tomáš Nejeschleba)

### Session 1 – Optics: Light & Sensory Perception (Chair: David Černín)

9:45–10:35 Jari Kaukua (Jyväskylä) *Empiricism in Islamic Philosophy, or the Question of Ibn al-Haytham's Influence on and after Ibn Sīnā*

10:35–10:50 *Coffee Break*

10:50–11:25 Mattia Mantovani (Berlin) *"The only sense with a science of its own"; Roger Bacon on Perspectiva*

11:25–12:00 Lukáš Lička (Ostrava/Prague) *From Optics to Practical Geometry: On Perspectiva Ascribed to Thomas Bradwardine in Vat. lat. 3102*

12:00–12:35 Martin Žemla (Olomouc) *Marsilio Ficino's Allegorical Reading of Natural Phenomena*

12:35–14:00 *Lunch Break*

### Session 2 – Stars & Nature (Chair: Tomáš Nejeschleba)

14:00–14:50 Ovanes Akopyan (Innsbruck) *Renaissance Theories of Tides (ca. 1450–1600): From the Medieval Framework to Galileo*

14:50–15:25 Marek Otisk (Ostrava/Prague) *Gerbert of Aurillac and Table of Climate for Timekeeping*

15:25–16:00 Olga Chadaeva (Olomouc) *Cosmological, Astronomical, Astrological Elements in Sermons of Ruthenian Authors of the 17<sup>th</sup> Century*

16:00–16:30 *Coffee Break*

16:30–17:05 Athanasios Rinotas (Leuven) *Albertus Magnus's Alchemy: Ars, Scientia or Scientia Media?*

17:05–17:40 Alexandra Petáková (Olomouc) *Knowledge over Method: Nicole Oresme's Reclassification of the Disciplines of Astrology*

17:40–18:15 Zdeněk Žalud (Tábor/Prague) *Jean Baptiste Morin and the Reform of Astrology at the Turn of 16<sup>th</sup> to the 17<sup>th</sup> Century*

## 16<sup>th</sup> November

### Session 3 – Discussing Knowledge (Chair: Jan Čížek)

- 10.00–10.35 Crina Galiță (Bucharest) *The Status of Quadrivium in the Corpus on Logic of the Brethren of Purity (Iḥwān aṣ-Ṣafā')*
- 10.35–11.10 Jana Tomešová (Ostrava) *Other within the Other: Limits of Philosophy in Judaism (Case of Anonymous Letter Against Philosophy, MS Opp. 585)*
- 11.10–11.45 Jakub Varga (Ostrava) *Can a Non-existent Proposition be True? A Late Medieval Dispute about the Truth of Non-existent Sentences*

11.45–13.30 *Lunch Break*

### Session 4 – Nature & Humans: New Challenges (Chair: Lukáš Lička)

- 13.30–14.05 Mustafa Yavuz & Pilar Herráiz Oliva (Istanbul) *The Genesis of the Specialisation of the Sciences: Botany as a New Field of Knowledge in the 13<sup>th</sup> Century*
- 14.05–14.40 Tomáš Nejeschleba (Olomouc) *Renaissance Anatomy: A Path from ars to scientia*
- 14.40–15.15 Jan Čížek (Ostrava) *Johann Heinrich Alsted's Physica Mosaica: Cul-de-sac of the Premodern Natural Philosophy?*

15.15–15.45 *Coffee Break*

- 15.45–16.20 Petr Pavlas (Prague/Pilsen) *A Trivial-Quadrivial Mixture: Combinatorial Mathematics and the Language Planning from Cardano to Comenius*
- 16.20–16.55 Daniel Špelda (Brno) *Huygens and Fontenelle on Scientific Curiosity: From Vice to Virtue*
- 16.55–17.30 Kateřina Lochmanová (Ostrava) *Analysis situs between Newton and Monadology*

### Steering committee:

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