

FLÚ AV ČR invites you to the research seminar

# THE FORMS OF ANALYSIS IN SCIENCE AND PHILOSOPHY

## *The Case Thomas Hobbes*

We would like to dedicate the Spring semester to continue our historical exploration of the method of analysis in science and philosophy by focusing on the thought of Thomas Hobbes. We plan several readings, relying both on original sources (*Dialogus Physicus*, *Leviathan*) and on the most outstanding secondary literature (S. Shapin and S. Schaffer, Q. Skinner, D. Jesseph). Our aim is to explore the methodological side of Hobbes' thought, in connection with his project of reforming the whole system of knowledge starting from mathematics and natural sciences. In continuity with our past seminars, we want to investigate which form and function had the method of analysis in this grand project, and to what extent it might have shaped Hobbes' reflections touching the spheres of political and social thought.

Organization committee:

Prof. Ladislav Kvasz, Department of Analytical Philosophy

Dr. Davide Crippa, Centre for Science, Technology and Society

Dr. Jan Maršálek, Centre for Science, Technology and Society

We will meet on a regular base, twice a month, **starting on March 20** (at 3 pm, room 214a at Jilská Street, Prague 1). The seminar is open to all interested scholars, advanced student included, regardless the field of their specialization. Please contact dr. Davide Crippa for further information: [crippa@flu.cas.cz](mailto:crippa@flu.cas.cz).

– See below for detailed program –

## PROGRAM

**(1) Steven Shapin, Simon Schaffer, *Leviathan and the Air-Pump. Hobbes, Boyle, and the Experimental Life*, Princeton University Press, Princeton and Oxford 1985 (2011 for 2<sup>nd</sup> edition).**

*March 20*

Chapter I: Understanding Experiment, pp. 3–21.

Chapter III: Seeing Double: Hobbes's Politics of Plenism before 1660, pp. 80–109.

*April 3*

Thomas Hobbes, *Dialogus Physicus* (1661), translated by S. Shapin and S. Schaffer, *Leviathan and the Air-Pump. Hobbes, Boyle, and the Experimental Life*, Princeton University Press 1985, pp. 345–391. Related chapter (Chapter IV): The Trouble with Experiment: Hobbes versus Boyle, pp. 110–154.

*April 17*

Chapter VII: Natural Philosophy and the Restoration, section “The Kingdom of Darkness”, pp. 320–331 + Chapter VIII: The Polity of Science: Conclusion, pp. 332–344.

**(2) Thomas Hobbes, *Leviathan*. Oxford University Press 2008. [Thomas Hobbes, *Leviathan aneb látka, forma a moc státu církevního a politického*. Přeložil Karel Berka, OIKOYMENH, Praha 2009]**

*May 1*

Introduction, pp. 7–8.

Chapter V: Of Reason and Science, pp. 27–33.

Chapter IX: Of the Several Subjects of Knowledge, pp. 54–57.

*May 15*

Chapters XII & XIII: Of Religion & Of the Natural Condition of Mankind as concerning their Felicity and Misery, pp. 71–86.

Chapter XVII: Of the Causes, Generation, and Definition of a Commonwealth, pp. 111–115.

A Review and Conclusion, pp. 467–475.

**(3) Quentin Skinner, *Reason and Rhetoric in the Philosophy of Hobbes*. Cambridge University Press 1996.**

*May 29*

Introduction, pp. 1–16.

Chapter 8: Hobbes's Science of Politics, pp. 294–326.

*June 12*

Chapter 9: Hobbes's Reconsideration of Eloquence, pp. 327–375.

**(4) Douglas Jesseph, *Squaring the circle. The war between Hobbes and Wallis*. University of Chicago Press 1999.**

*June 26*

Chapter 3: *De Corpore* and the mathematics of materialism, pp. 73–93.

*July 10*

Chapter 4: Disputed foundations, pp. 131–159, pp. 173–188.

Chapter 5: The “modern analytics” and the nature of demonstration, pp. 224–246.