

READING THE BOOK OF NATURE ACROSS SCIENCES, HISTORY AND PHILOSOPHY

To celebrate 400th anniversary of Galilei's
IL SAGGIATORE

28th-30th of June 2023

Museo Galileo - Istituto e Museo di Storia della Scienza
Piazza dei Giudici 1, Florence, Italy

28 June 2023

8:00 Registration

9:00-9:30 Opening:

Elena Canadelli (President of SISS), Vincenzo Fano (President of SILFS), Roberto Ferrari (Director of Museo Galileo), Paolo Galluzzi (Honorary President of Museo Galileo), Emidio Spinelli (President of SFI)

9:30-9:45 Michele Camerota (University of Cagliari), *Una nuova edizione de Il Saggiatore*

9:45-10:45 **Invited speaker:** Flavia Marcacci (Pontifical Lateran University), *Creators, as Historians of Science Are. Philosophical Perspectives on the History of Science in the Light of The Assayer by Galileo Galilei*

Coffee break

Microcosm and Macrocosm

Chair: Matteo Martelli

11:05-11:45 Marco Sanchioni, *Reichenbach's Forgotten Argument*

11:45-12:25 Alessandro Amabile, *A New Look at the Antikythera Mechanism*

(break)

Chair: Natacha Fabbri

14:30-15:10 Tommaso Ghezzani, *The "World Theatre" of Marsilio Ficino and Juan Luis Vives*

15:10-15:50 Matteo Bedetti and Valerio di Lauro, *Could the Concept of Shadow Biosphere Be an Answer to the N=1 Problem?*

Bodies and Evolution of the Mind

Chair: Francesco Bianchini

15:50-16:30 Cristiano Calì, *A Possible Interaction between Microcosm and Macrocosm. A Historical-philosophical Reinterpretation of the Problem of Mental Causality*

16:30-17:10 Mario Schärli, *Galilei's Annihilation of Colours*

Coffee break

Chair: Fiorenza Toccafondi

17:30-18:10 Claudio Davini, *Etiological Naturalism in Medicine: A Shaky Project*

18:10-18:50 Margherita Schellino, *From Physics to Metaphysics: the Dissection of the World in Lorenzo Bellini's Discorsi di anatomia (1696)*

(20.00 Social dinner. Location: Libreria Brac, Via dei Vagellai 18r, Florence)

29 June 2023

9:00-9:30 Alessandra Lenzi (Museo Galileo), *Paolo Rossi's Legacy: His Personal Library and Papers Preserved at the Museo Galileo Library*

Ancients and Moderns

Chair: Gaspare Polizzi

9:30-10:10 Flavio Bevacqua, *In the Library of the Father of Mineralogy: The Ancient Sources of Georgius Agricola*

10:10-10:50 Sara Drioli, *Galileo Galilei: Discoverer and Concealer. The Husserlian Critique of Modern Science*

Coffee break

Chair: Stefano Poggi

11:10-11:50 Eugenio Villa and Giacomo Montanari, *Writing in Gold and Silver. Ink Recipes from a Manuscript in the Bologna University Library*

11:50-12:30 Antonia Karaisl, *Heaven is a Space on Earth: Geometry in Religious Contexts in Early Modern Europe and Japan*

12:30-13:30 **Invited speaker:** Luciano Boi (School for Advanced Studies in the Social Sciences of Paris), *Geometrizzazione della fisica e natura dello spazio-tempo: da Galileo alle teorie contemporanee*

(break)

Matter and Measurement

Chair: Pierluigi Graziani

15:15-15:55 Alessandro Demichelis and Piero Avitabile, *Bridging the Gap between Information and Trust in Scientific Communication*

15:55-16:35 Giovanni Galli, *Languages Models: a Wittgensteinian Guide to Machine Learning*

Coffee break

Chair: Filippo Camerota

16:55-17:35 Corentin Fève, *Intensive Reality and Differential Calculus as Conditions of Measurability in Hermann Cohen*

17:35-18:15 Ilenia Russo, *The Concept of Matter as Bodily Mass in the Different Editorial Stages of Telesio's «De rerum natura»*

30 June 2023

9:00-9:30 Ferdinando Abbri (University of Siena), *I contesti della conoscenza: Paolo Rossi (1923-2012) tra storia della filosofia e storia delle idee*

9:30-10:30 **Invited speaker:** Massimo Mugnai (Scuola Normale Superiore of Pisa), *Logic in Europe after Galileo and Descartes: Honoré Fabri (1607-1688) and Gerolamo Saccheri (1667-1733) between scholastic logic and mathematics*

Methods, esprit de finesse and esprit de géométrie

Chair: Matteo Galletti

10:30-11:10 Mariaceleste Di Meo, *From Galileo to the Cimento: Connections between the New Science and Baldinucci's Notizie de' professori del disegno*

Coffee break

11:30-12:10 Ivan Malara, *Galileo as a Reader of Ptolemy: Notes for the 400th Anniversary of the Saggiatore (1623)*

Chair: Vincenzo Fano

12:10-12:50 Andrea Sabatini, *Abduction as Deductive Saturation*

12:50-13:30 Stefano Furlan, *John Wheeler as Reader of Galileo and the Book of Nature*

(break)

Social World

Chair: Elena Canadelli

15:15-15:55 Elisa Palomino, *Dis-robing the Guardaroba: The Arctic as Viewed from Florence*

15:55-16:35 Daniele Musumeci, *Problems and Theoretical Models of Explanation Emerging from History of Volcanology*

Coffee break

Chair: Gustavo Cevolani

16:55-17:35 Elena Danieli, *Contre Nature: the Debate on Natural and Unnatural Birth in Late 18th Century France*

17:35-18:15 Sara Francescato, *"All is Dao": Reformulating our Ideas and Approach Towards the Environment Through a Daoist Perspective*

Scan the QRcode to reach the conference website

