

# London Ancient Science Conference 2023. Programme.

## Wednesday February 15<sup>th</sup>

### **09:30 – 11:00 – Aristotle 1**

Takashi Oki – Aristotle on the Infinite.

William Wians – Positing the Cause of Motion: The Theoretical Failure of Predecessors in *Physics* 8.1

Silvia Fazzo – Aristotle’s Most Controversial Notion of *TODE TI* in the Frame of His Science of Being *Qua* Being.

### **11:30 – 12:30 – Keynote 1**

Robert Hahn – Reviewing the Greek Discovery of Incommensurability.

### **1:30 – 15:00 – Life Sciences**

Nathasja Roggo-van Luijn – ‘Three or More’ in the analogy Between Interconnected Vessels and Organs in *On Diseases* IV.39.

Teresa Padilla – Alcmaeon of Croton: Medicine and an Organic and Architectural Archetype of Universal Order and Equilibrium.

Gabriele Flamigni – The ‘Ethical Trespass’ of Botany. Remarks on the Stoic Extension of Proper Functions (*kathekonta*) to Plants

### **15:30 – 16:30 Early Cosmology 1**

Benjamin Harriman – Parmenides, Cosmology and Geography.

Ricardo Salles – Meteorology, Cosmology and Elemental Theory in Anaximander.

### **17:00 – 18:00 Early Cosmology 2**

Vojtěch Hladký - Cosmogony of the Derveni Papyrus Reconsidered.

Andrew Gregory – Leucippus, Democritus and *aperas* – Unlimited or Infinite?

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## Thursday February 16<sup>th</sup>

### **09:30 – 11:00 Early Cosmology 3**

Radim Kocandrlle – The Spherical Earth in Presocratic Cosmology.

Margaret Scharle – Hesiod and Anaximander on the Symmetry of Justice.

### **11:30 – 12:30 Keynote 2**

John Steele – Looking for Theory in Babylonian Astronomy.

### **13:30 – 15:00 Astronomy 1**

Johanna Garzon – The Sky's a Stage: The Influence of Euripides' *Andromeda* in Aratus' *Phaenomena*.

Simone Astorino – Republic, Timaeus and Astronomy.

Marla Szvec – Ancient Egyptian Astronomy: Technological Strides in the Name of State Ideology.

### **15:30 – 16:30 Astronomy 2**

Erica Meszaros – Babylonian Astronomy and Algorithms.

Yossra Ibrahim – The Reception of Ancient Egyptian Astronomy: The Case of Egyptian Astronomical Diagrams.

### **17:00 – 17:30 Astronomy 3**

Andrew Gregory – Plato, *Timaeus* 40c ff. Why These Phenomena?

## Friday February 17<sup>th</sup>.

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## Programme.

### **09:30 – 11:00 Aristotle 2**

Mary Krizan – Topological and Constitutional Moistness and Dryness in Aristotle's *Meteorology* 4.

Taylor Pincin – The Eternal (*aidia*) Things of *Metaphysics* 9.8.

Adam Woodcox – Aristotle's Monotelism.

### **11:30 – 12:30 Keynote 3**

Dmitri Panchenko – The Legacy of the European Bronze Age and the Presocratic Cosmologies.

### **13:30 – 15:00 Plato**

Diego Garcia Rincon – Alteration and Indeterminacy in Plato's Refutation of Radical Flux (*Theaetetus* 182-183).

Angelo Giavatto – Natural Order and Human Contrivances – On *mêkhanê* in Late Plato.

Alesia Preite – An Embryological Interpretation of Ti. 42e5-44c4.

### **15:30 – 16:30 Later Antiquity**

Jon Griffiths – The Platonic Roots of Xenocrates' Psychology.

Cristobal Zarzar – What does the Academic 'indistinguishability argument' tell us about the content of Stoic rational sense-impressions?

### **17:00 – 18:00 Modern Science, Ancient Wisdom**

Demetris Nicolaidis – The Quantum Mechanics of Motion and the Paradoxes of Zeno.

Ravi Gomatam – On the Indivisibility of the Atom: Ancient Bhagavata Sankhya and Modern Quantum Theory.

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