



## Aristotle in the era of AI

7-10 April, 2025

### 7<sup>th</sup> of April

**18:00 - 21:30: Opening of** International Conference

18:00 – 18:20: Welcome:

Welcome address by C.S. Zerefos, Academy of Athens

Welcome address by A. C. Emilianides, Cyprus Academy of Sciences, Letters and Arts

18:20 – 18:50: Prokopios Pavlopoulos (Academy of Athens)

**Τα όρια της Τεχνητής Νοημοσύνης κατά την απονομή της Δικαιοσύνης**  
***The limits of Artificial Intelligence in administering Justice***

19:00 – 19:30: Andreas Demetriou (Cyprus Academy of Sciences, Letters and Arts)

***Is Aristotle enough for Artificial General Intelligence?***

19:40 – 20:10: Christos Papadimitriou (Academy of Athens)

***Aristotle, Artificial Intelligence and the Human Brain***

20:10 – 20:40: Open Discussion with the three Keynote speakers

20:40 – 21:30: Cocktail Reception (Hellenic Society on Artificial Intelligence (EETN))

**09:30 - 15:30: Pons Asinorum workshop**

This is a closed session with participation only by invitation. The results of this workshop will be presented at the main program of the conference.

### 8<sup>th</sup> April

09:15 – 09:30: Welcome by the Organizers

09:30 – 10:30:

***How to program the dialectic machine?***

*Christof Rapp, University of Munich*

10:30 – 11:00: Tea/Coffee Break

11:00 – 12:30: Presentation of Abstracts.

**Why Artificial Phrōnēsis Might Be Computationally Infeasible**

*(Sebastian Buecker, TU Darmstadt)*

**The Relevance of Aristotle's Thought to the Understanding of AI**

*(John Dudley, UCLouvain)*

**Aristotle's Phronesis and Normative Algorithmic Computability**

*(Christos Kyriacou, University of Cyprus)*

**Aristotle, the Single Intellect, and Artificial Intelligence**

*(Silvia Fazzo, Università del Piemonte Orientale)*

12:30 – 13:30:

***What is the place of the Aristotelian logos in conflict prevention and resolution in our contemporary poleis?***

*Sara Greco, USI Università della Svizzera italiana*

13:30 – 15:30: Lunch

15:30 – 16:30:

***The Metaphysical Basis of Aristotle's Logic***

*Marko Malink, New York University*

16:30 – 17:00: Tea/Coffee Break

17:00 – 18:00: **Panel Discussion 1: The future of AI: Sophisticated tool or self-conscious agent?**

***Plato and Aristotle on "Why not both"?***

*Alexander Nehamas, Academy of Athens*

*Josiah Ober, Stanford University*

*Voula Tsouna, University of California / Santa Barbara*

18:15 – 19:30:

***Is There a Robust Argument for Thinking as a Quale?***

*Doukas Kapantais, RCGPh, Academy of Athens*

***Aristotle's Intellect as Excellence of Life and Understanding***

*Spyridon Rangos, University of Patras*

## 9<sup>th</sup> April

09:15 – 10:15:

### **Philosophy of AI and Aristotle: Who owns the Future?**

*George Chatzivasileiou, Author of "Philosophy of AI"*

10:15 – 11:45: Presentation of Abstracts.

#### **The Scope and Limits of AI in relation to Aristotle's work and the Theory of Evolution**

*(Petros A. M. Gelepithis, University of Crete)*

#### **Can Artificial Ethical Assistants Enhance Human Decision-Making in Virtue Ethics?**

*(Leonidas Chiotis, University of York)*

#### **Can AI Learn to Annotate the Heart of Inference Correctly?**

*(Narjes Sheikh Asadi, Università della Svizzera Italiana)*

#### **Who is the Slave? Reflections on Human Nature in the Age of AGI.**

*(Filippos Stamatou, Sandrine Hansen, University of Copenhagen)*

11:45 – 12:15: Tea/Coffee Break

12:15 – 13:00:

### **Beyond Consciousness: AGI and the "Impartial Spectator"**

*Kyriakos Demetriou, Cyprus Academy of Sciences, Letters and Arts*

13:00 – 13:45:

### **Deep Learning in AI**

*Kevin Baragona, CEO of DeepAI*

13:45 – 15:15: Lunch

15:15 – 16:00:

### **Is reasoning overrated? Some indications from recent philosophy of AI and cognition**

*Vincent Müller, University of Erlangen-Nürnberg*

16:00 – 17:00: **Panel Discussion 2: But can they actually think?**

*Vasso Kindi, University of Athens*

*Vassilis Katsouras, Athena Research Center*

*Vincent Müller, University of Erlangen-Nürnberg,*

*Moderated by Antonis Kakas, University of Cyprus*

17:00 – 17:30: Tea/Coffee Break

17:30 – 18:45: Presentation of Abstracts

#### **Machine Ethos: The Goodwill, Virtue, and Wisdom of the Artificially Intelligent**

*(Martin Hinton, University of Lodz)*

#### **Aristotle, the Single Intellect, and Artificial Intelligence**

*(Silvia Fazzo, Università del Piemonte Orientale)*

#### **Aristotle and Artificial Intelligence**

*(Fran O'Rourke, University College Dublin)*

#### **Aristotelian Virtue Ethics as an Impasse-Resolver for Autonomous Vehicles**

*(Karol Wapniarski, Adam Mickiewicz University)*

20:00 : Conference Dinner

## 10<sup>th</sup> April

09:15 – 10:30: Presentation of Abstracts

### **Aristotle and AI: From the dialectics of being and thought to reflecting on automata and the camera obscura**

*(Caterina Kanavari, Hellenic Open University) & Giorgos Sfikas, University of West Attica)*

### **Aristotelian approach to hateful speech moderation**

*(Maciej Kulik, Katarzyna Budzynska, Medea Kfoczynska-Lukasz, Katarzyna Michalowska, Warsaw University of Technology)*

### **Toward a Benevolent LLM: Exploring Aristotle's Concept of Benevolence**

*(Bartłomiej Skowron & Jarosław Chudziak, Warsaw University of Technology)*

10:30 – 11:15:

### **Consistency tests with τόποι**

*Colin Guthrie King, Providence College*

11:15 – 11:45: Tea/Coffee Break

11:45 – 12:30:

### **The Interplay of Aristotelianism and Platonism in Nondeterministic Computation**

*Edgar Daylight, KU Leuven*

12:30 – 13:15:

### **A formal reconstruction of Aristotle's assertoric syllogistic**

*Zoë McConaughy, Lille University*

13:15 – 13:30: **Closing Session**

Report from the Workshop on *Pons Asinorum*

Summary Report of the International Conference

Companion to "Aristotle and AI"

Next Conference

13:30 – 14:30 Lunch