

## **CURRICULUM VITAE**



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**Name:** Dimitris

**Date of Birth:** July 18, 1983

**Place of Birth:** Athens, Greece

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**ORCID iD:** 0000-0002-6174-6741

**Areas of Specialization:** Philosophy of Science, History of Science, Soviet Marxism,  
Social Studies of Science and Technology

**Areas of Competence:** History of Philosophy, History of Physics, History of Technology,  
Philosophy of Technology, Metaphilosophy, Social Epistemology

**Research Interests:** Models and Scientific Representations; Conceptual Change; Social Aspects of Scientific Cognition; Science, Technology and Culture; Philosophical Reflections on Metascientific Studies; Cognitive Aspects of the Technoscientific Transformation; Philosophical Psychology of Science; Representation and Digitality; Historiographical Potential of Philosophical Reflection on Scientific Practice; Science and Religion; Soviet Philosophy and Science; Marxism; L.S. Vygotsky; E.V. Ilyenkov

### **Academic Employments and/or Affiliations**

- 2023-...**      **Research Associate**  
African Centre for Epistemology and Philosophy of Science, University of Johannesburg
- 2022**            **Adjunct Lecturer**  
Department of Primary Education, University of Athens
- 2021-...**      **Post-doctoral Researcher**  
Department of Primary Education, University of Athens  
Research topic: The philosophy of L.S. Vygotsky and E.V. Ilyenkov  
(Supervisor: Prof. Kostas Skordoulis)
- 2021-...**      **Member**  
Centre for Philosophical Studies of History, University of Oulu

- 2020-...**     **Research Associate**  
Didactics & Epistemology of Science and Educational Technology Lab,  
Department of Primary Education, University of Athens
- 2020-...**     **Collaborating Member**  
Institute for Philosophical Studies (IEF), U.I.&D., Faculty of Arts and  
Humanities, University of Coimbra
- 2019-2021**   **Adjunct Lecturer**  
Dept. of Informatics and Computer Engineering, University of West Attica
- 2018**         **Post-doctoral Researcher**  
Institute of Historical Research of the National Hellenic Research Foundation  
(IHR/NHRF)  
Research topic: Science and religion in the Orthodox Christian world  
(Supervisor: Dr. Efthymios Nicolaidis)
- 2017-2020**   **Post-Doctoral Fellow**  
Faculty of Philosophy, Sofia University St. Kliment Ohridski  
Research topic: Socio-cultural aspects of the development of scientific  
cognition  
(Supervisor: Prof. Dimitar Denkov)
- 2012-2015**   **PhD Fellow**  
Department of Philosophy and History of Science, University of Athens

### Studies

- 2015**   **PhD History and Philosophy of Science**  
Department of Philosophy and History of Science, University of Athens  
Doctoral dissertation: Models and Active Representation in Science  
(Supervisor: Prof. Stathis Psillos)
- 2009**   **MA History and Philosophy of Science and Technology**  
Department of Philosophy and History of Science, UoA & School of Applied  
Mathematics and Physics, NTUA (Joint Program)  
Master thesis: Scientific Representation: The inferential approach (in Greek)  
(Supervisor: Prof. Stathis Psillos)
- 2007**   **BSc in Physics**  
University of Athens – Department of Physics

## Teaching Experience

- 2022-...** -History and Epistemology of Natural Sciences; (Dpt. of Primary Education, University of Athens – undergraduate course)  
-Epistemology of Experiment and its Role in Teaching Natural Sciences (Dpt. of Primary Education, University of Athens – undergraduate course)  
-History and Philosophy of Sciences – Biology (Dpt. of Biology, University of Athens – graduate course, in collaboration with G. Katsiampoura)
- 2019-2021** History of Technology (Dpt. of Informatics and Computer Engineering, University of West Attica - undergraduate course)
- 2016** Seminar on History, Philosophy & Science Teaching for Science Teachers (organized by the Dpt. of Philosophy and History of Science & the Faculty of Primary Education of University of Athens)

## Participation in Funded Research Projects

- 2023** Member of the Research Group of ‘Science Education and Science Scepticism’ (SESS) project, funded by UCL Institute of Education International Funds
- 2018** Member of the Research Group of the project “ANAVATHMIS. Historical research and digital applications”, organized by IHR/NHRF [co-financed by Greek national funds and the EU (European Regional Development Fund – ERDF) through the Operational Program “Competitiveness, Entrepreneurship and Innovation” of the National Strategic Reference Framework (NSRF) for the period 2014-2020- MIS code 5002357)
- 2016** Research Associate in the Project SOW - Science & Orthodoxy, organized by IHR/NHRF [funded by Templeton World Charity Foundation Inc]
- 2014-2015** Research Associate in the project “Social Philosophy of Science. Russian Prospects”, organized by the Institute of Philosophy of the Russian Academy of Sciences [funded by the Russian Scientific Foundation, project 14-18-02227]
- 2012-2015** Research Associate in the project “*Aspects and Prospects of Realism in Philosophy of Science and Mathematics (APRePosMa)*”, [THALES Programme, co-financed by the EU (European Social Fund – ESF) and Greek national funds through the Operational Program “Education and Lifelong Learning” of the National Strategic Reference Framework (NSRF)].

## Research Papers in Peer-Reviewed Journals

- Kilakos, D. (under review), “Marx's quasi-criminological satire and current theoretical concerns on cybercrime”

- Kilakos, D. (under review), “Reassessing the impact of 'Russian cosmism' on early Soviet science”
- Kilakos, D. and Rentzelas, P. (under review), “The fetishism of individuality as an ideological bias in social sciences”
- Kilakos, D. (2022, forthcoming), “Marxist responses to the challenges posed against scientific realism”, *Epistemology and Philosophy of Science*
- Kilakos, D. and Papaoikonomou, St. (2020, preprint), “The Legal and the Epistemic in Times of Techno-Scientific Transformation: Inefficacies of JTB Account of Knowledge”, *Preprints*, 2020070316 (doi: 10.20944/preprints202007.0316.v1)
- Kilakos, D. (2019), “Higgs boson and the Cosmos: A philosophical reappraisal of the authoritative Catholic and Greek-Orthodox perspectives”, *Almagest*, vol. 10 (2), pp. 98-119
- Kilakos, D. (2019), “S.A. Yanovskaya: The marxist pioneer of mathematical logic in Soviet Union”, *Transversal: International Journal for the Historiography of Science*, 6, pp. 49-64
- Kilakos, D. (2018), “Religion and ideological confrontations in early Soviet mathematics: The case of P.A. Nekrasov”, *Almagest*, vol. 9 (2), pp. 12-38
- Kilakos, D. (2018), “Intuition and awareness of abstract models: A challenge for realists”, *Philosophies*, 3(1):3
- Kilakos, D. (2016), “From Parmenidean identity to beyond classical idealism and epistemic constructivism”, *Epistemology and Philosophy of Science*, vol. 48 (2), pp. 75-86
- Kilakos, D. (2016), “How could Vygotsky inform an approach to scientific representations”, *Epistemology and Philosophy of Science*, vol. 47 (1), pp. 140-152

### **Research Papers/Book Chapters in Peer-Reviewed Edited Volumes**

- Kilakos, D. (2024, forthcoming), “Right as a Form of Social Consciousness and Legal Superstructure and the Development of Communist Society”. In: *Socialist Constitutionalism and the Communist Polity*, eds. A. Chrysis and D. Kivotidis, London: Palgrave Macmillan
- Kilakos, D. (2023, forthcoming), “Philosophy as Social Activity: An Alternative Metaphilosophy for the 21<sup>st</sup> Century”. In: *Altevia – Proposing Alternative Paradigms*, eds. L.J. Koenane and C-M. P. Olatunji, Pretoria: UNISA Press
- Kilakos, D. (2022), “The epistemological background for the reproduction of the bourgeois worldview in school curricula”. In: *Considerations on teaching directions and school curricula*, Athens: Syghroni Epohi (in Greek), pp. 243-254.
- Kilakos, D. (2016), “Ideality, symbolic mediation and scientific cognition: the tool-like function of scientific representations” in *Model-Based Reasoning in Science and*

*Technology. Models and Inferences: Logical, Epistemological and Cognitive Issues Series* "SAPERE", eds. L. Magnani and C. Casadio (eds). New York: Springer, pp. 205-218

### **Book Reviews in Peer-Reviewed Journals**

-Kilakos, D. (2017), "Jimena Canales: The Physicist and the Philosopher: Einstein, Bergson and the Debate that Changed our Understanding of Time (Princeton University Press, 2015)" (book review), *Almagest*, Vol. VIII, Issue 1, pp. 129-132

-Ivanova, M. and Kilakos, D. (2009), "A. Chakravartty: A Metaphysics for Scientific Realism: Knowing the Unobservable", solicited book review, *Nefsis* 18 (in Greek)

### **Research Papers in Edited Conference Proceedings**

-Kilakos, D. (2019), "Activity, Practice and Scientific Cognition: Reassessing Soviet Marxist Critiques to Pragmatism". In: 150 Years of Pragmatism (*Proceedings of International Conference held in Moscow, Russia, 30-31 October 2018 - Institute of Philosophy - Russian Academy of Sciences*). Ed. by I. Dzhokhadze. Moscow: Academic Project. Pp. 186–203. // Деятельность, практика и научное познание: оценивая заново советскую марксистскую критику прагматизма. 150 лет прагматизма / Отв. ред. И. Джохадзе. Москва: Академический проект // *Deyatel'nost', praktika i nauchnoe poznanie: ocenivaya zanovo sovetskuyu marksistskuyu kritiku pragmatizma. 150 let pragmatizma. Istoriya i sovremennost'* (in Russian)

-Kilakos, D. (2018), "On Pragmatic Approaches of Scientific Representation–Points of Criticism". In: *Proceedings of the XXIII World Congress of Philosophy*, (ed. K. Boudouris) vol. 62, pp. 71-74

-Kilakos, D. (2015), "Scientific Representations: An analogy with Vygotskian concepts, mediation and ZPD". In: *Proceedings of XVI L.S. Vygotsky International Readings "Learning and Development: Modern Theory and Practice"*, (ed. E. Kravtsova) v.1, Section 1: Methodological and Theoretical Problems of Correlation between Learning and Development, pp. 96-101 (Moscow: L.S. Vygotsky Institute of Psychology – Russian State University for the Humanities & L.S. Vygotsky Fund)

-Kilakos, D. (2014), "Scientific representations as tools for scientific cognition". In *Proceedings of International Conference Social Philosophy of Science. Russian Prospects*, (ed. I. Kasavin), v.3. Section 2. Social Ontology, pp. 25-28 (Moscow: Institute of Philosophy - Russian Academy of Sciences)

### **Papers in International Conferences**

-'A Comparative Study Of Social And Labour Movements Responses To Covid-19' (co-authored with O. Papadopoulos, D. Kivotidis & P. Rentzelas), 15th Conference of the European Sociological Association, Barcelona, 31 August – 3 September 2021

- *'Marx's quasi-criminological satire and current challenges for cybersecurity'*, Contemporary Societies in Motion, Athens, 27-28 May, 2021

- *'(R)evolutionizing scientific cognition'*, Second All-Russian (with an international participation) Scientific Conference "Revolution and Evolution: Development Models in Science, Culture and Society, Nizhny Novgorod, Russia, 29 November - 1 December 2019

- *'The institutionalization of philosophy in Soviet Union'*, 1<sup>st</sup> Conference of the International Academy of the History of Science, Athens, Greece, 12-15 September 2019

- *'Wittgenstein in Moscow: Tracing the intellectual impact of an overlooked travel'*, 4<sup>th</sup> International Workshop on Science, Literature and Philosophy "Travel and Travelers", Syros, Greece, 1-3 July 2019

- *'Activity, practice and scientific cognition: Reassessing Marxist critiques to pragmatism'*, International Conference "150 years of Pragmatism", Moscow, Russia, 30-31 October 2018

- *'S.A. Yanovskaya: The marxist pioneer of mathematical logic in Soviet Union'*, 3<sup>rd</sup> International Workshop "Women in the History of Science, Philosophy and Literature", Syros, Greece, 12-13 July 2018

- *'On the prospects of introducing a Vygotskian perspective in philosophy of science'*, VII International Congress "Modes of Thinking, Ways of Speaking", Moscow, Russia, 27-30 April 2016

- *'Scientific Representations: An analogy with Vygotskian concepts, mediation and ZPD'*, XVI L.S. Vygotsky International Readings "Learning and Development: Modern Theory and Practice", Moscow, Russia, 16-20 November 2015

- *'Abstraction, ideality and scientific representation'*, 15th Congress on Logic, Methodology, and Philosophy of Science (CLMPS), Helsinki, Finland, 3-8 August 2015

- *'Scientific models: An artifactual account on a representational basis'*, XI Philosophers' Rally, Lublin, Poland, 2-4 July 2015

- *'Ideality, symbolic mediation and scientific cognition: the tool-like function of scientific representations'*, Model-based Reasoning in Science and Technology MBR015, Sestri Levante, Italy, 25-27 June 2015

- *'Ideality, symbolic mediation and scientific representation'* (poster), Towards a Science of Consciousness 2015, Helsinki, Finland, 9-13 June 2015

- *'Scientific representations as tools for scientific cognition'*, International Conference Social Philosophy of Science. Russian Prospects, Russian Academy of Science (Institute of Philosophy), Moscow, Russia, 18-19 November 2014

- *'On pragmatic approaches of scientific representation: Points of criticism'*, 23<sup>rd</sup> World Philosophy Congress, Athens, 4-10 August 2013

### **Papers in Greek Conferences**

- *'The three facets of science in marxism'*, 7<sup>th</sup> Panhellenic Conference in Philosophy of Science, Athens, 1-3 December 2022 (forthcoming)

- *'Philosophy as a science and Ayer's challenge'*, Symposium 'Marxism, philosophy and science 200 years after Fr. Engels' birth and 150 years of V.I. Lenin's birth' in the 6<sup>th</sup> Panhellenic Conference in Philosophy of Science, Athens, 3-5 December 2020

- *'Digital truths: Exploring the relationship between knowledge and truth in the digital world'*, (with St. Papaioikonomou), 6<sup>th</sup> Panhellenic Conference in Philosophy of Science, Athens, 3-5 December 2020

- *'Marxism and scientific realism: Conversions, divergences and modern challenges'*, 5<sup>th</sup> Panhellenic Conference in Philosophy of Science, Athens, 29 November – 1 December 2018

- *'Prospects of a Vygotskian perspective for the integration of history and philosophy of science in science teaching'*, 9<sup>th</sup> Panhellenic Conference in History, Philosophy and Teaching of Natural Sciences, Athens, 11-13 November 2016

- *'Scientific concepts and the historicity of scientific objects'*, 4<sup>th</sup> Panhellenic Conference in Philosophy of Science, Athens, 1-3 December 2016

- *'Sketching a dialectical approach on scientific representations'*, 3<sup>rd</sup> Panhellenic Conference in Philosophy of Science, Athens, 27-29 November 2014

- *'Dialectics of abstract and concrete in scientific representation'*, 2<sup>nd</sup> Panhellenic Conference in Philosophy of Science, Athens, 29 November – 1 December 2012

- *'Pragmatic approaches of scientific representation: a critical assessment'*, 7<sup>th</sup> Panhellenic Conference in History, Philosophy and Teaching of Natural Sciences, Athens, 1-3 November 2012

- *'Scientific Representation: Between inference and abstraction'*, 1<sup>st</sup> Panhellenic Conference in Philosophy of Science, Athens, 25-27 October 2010

### **Invited Talks and Lectures in Research Seminars**

- *'Modern conservatisation and the "truth regime" of the pandemic'*, "Culture matters" research seminar, Centre for Sociocultural Research, Higher School of Economics – National Research University, Moscow, 11 November 2020.

- *'Tradition, transition and modern challenges'*, Workshop/Seminar on "PhiloSophy at Sofia?!", Sofia University, Faculty of Philosophy, 23 January 2017

- *'Philosophy as social practice: Challenges in the 21<sup>st</sup> century'*, Scientific Conference "The Human Face of Philosophy", Philosophy Department of the Faculty of Philosophy, Pedagogic & Psychology, University of Athens, 3 November 2016

- *'Epistemic Constructivism, Metaphysical Realism and Parmenidean Identity: Comments on Prof. Rockmore's paper'*, International Symposium Social Philosophy of Science 3.0, Moscow, 17 November 2015, Institute of Philosophy – Russian Academy of Sciences

- *'Aspects of criticism in pragmatic approaches on scientific representations'*, Research Seminar APRePosMa, Athens, 19 April 2013

### **Memberships in Editorial Boards**

**2020** - ... Academia Letters – Member of the Innovation in Publishing Advisory Panel

**2019** - ... World Journal of History and Culture – Member of the Editorial Board

**2018-2019** academia.edu - Member of the Academia Editor Program

### **Reviewer for academic journals**

-Studies in East European Thought

-Mathematics

-International Journal of Psychology and Cognitive Science

-Advances in Historical Studies

-The International Journal of Technology, Knowledge and Society

-Sustainability

-Education Research Journal

-The Humanities Collection

-World Journal of History and Culture

-International Research Journal of Curriculum and Pedagogy

-World Journal of Educational Research and Reviews

-Academia Letters

### **Membership in Scientific Societies**

-European Philosophy of Science Association

-Society for Philosophy of Science in Practice

-East European Network for Philosophy of Science

-POND Network

### **Other academic activities**

**2023** Member of the Scientific Committee of the END2023 (International Conference on Education and New Developments)

**2019** Member of the Program Committee of the 2<sup>nd</sup> World Congress on Humanities and Social Sciences (WCHSS 2019)



**2018** Member of the Technical Program Committee (TPC) of the 2nd International Conference on Social Science, Public Health and Education (SSPHE 2018)

**2016** Member of the Organizing Committee of the “Seminar on History, Philosophy & Science Teaching for Science Teachers”, organized by the Dpt. of Philosophy and History of Science & the Faculty of Primary Education of UoA

**2016** Scientific supervisor of the documentary “*Newton: The Force of God*”, produced by Eugenides Foundation

**2013** Scientific supervisor of the documentary “*Galileo: Fighting in the Dawn of Modern Science*” and the accompanying ebook, produced and published by Eugenides Foundation

### **Non-academic Professional Experience**

**2016-2018** **energypress.gr** (energy news portal)  
Journalist – Editor in chief “Energy Weekly Review”

**2016** **Planet Physics Interactive Museum**  
Science Director of the Summer Camp

**2007-2016** **Eugenides Foundation**  
Scientific Fellow

### **Language skills**

Greek (native speaker)

English (Proficiency - CPE Cambridge)

German (Mittelstufe - ZMP)

## **Contact details for recommendations:**

### **Stathis Psillos**

Professor  
Member of Academia Europaea  
Department of Philosophy & History of Science,  
University of Athens  
Panepistimioupolis-University Campus, 157 71  
Athens – Greece  
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### **Ilya Kasavin**

Corresponding Member of the Russian Academy  
of Sciences  
Head of the Department of Social Epistemology,  
Institute of Philosophy  
Russian Academy of Sciences  
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Russian Federation  
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### **Theodore Arabatzis**

Professor  
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### **Kostas Skordoulis**

Professor  
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### **Aristotle Tympas**

Professor  
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### **Efthymios Nicolaidis**

Research Director  
Institute of Historical Research - Section of  
Neohellenic Research  
National Hellenic Research Foundation  
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### **Dimitar Denkov**

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### **Alexander Gungov**

Professor  
Department of Logic, Ethics and Aesthetics  
Sofia University "St. Kliment Ohridski"  
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### **Demetris Portides**

Assistant Professor  
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### **Panos Rentzelas**

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