

# CURRICULUM VITAE

**Demetris P. Portides**

**2022**

## **PERSONAL DETAILS:**

Citizenship: Cypriot.  
Mailing Address: Department of Classics and Philosophy, University of Cyprus,  
Kallipoleos Street 75, 1678 Nicosia, Cyprus.  
Tel. +357-22893863, Fax: +357-22894491.  
E-mail Address: [portides@ucy.ac.cy](mailto:portides@ucy.ac.cy)

## **EDUCATION:**

PhD Philosophy of Science, University of London, London School of Economics and Political Science, 2000.

MSc Physics, University of Delaware, 1988.

BSc Electrical Engineering, BSc Physics (Summa cum laude), NYIT, 1986.

## **ACADEMIC EMPLOYMENT:**

University of Cyprus, Professor of Philosophy of Science, Department of Classics and Philosophy (2021).

University of Cyprus, Associate Professor of Philosophy of Science, Department of Classics and Philosophy (2012).

University of Cyprus, Assistant Professor of Philosophy of Science, Department of Classics and Philosophy (2007).

University of Cyprus, Lecturer of Philosophy of Science, Department of Classics and Philosophy (2003).

University of Cyprus, Visiting Lecturer in the Department of Classics and Philosophy (January 2001- June 2002).

London School of Economics and Political Science, Part-time Instructor in the Department of Philosophy, Logic and Scientific Method (1997-2000).

University of North London, Adjunct Lecturer in the Department of Mathematical Sciences (1997-1998).

Cyprus College, Lecturer of Mathematics and Physics in the Department of Mathematics and Computer Science (1989-1997).

University of Delaware, Teaching Assistant in the Department of Physics (1986-1988).

### **FELLOWSHIPS AND AWARDS:**

2007, Fellowship of the Center for Philosophy of Science, University of Pittsburgh.

2004, National Science Foundation Junior Scholar Travel Grant.

1997-2000, Postgraduate Scholarship from the London School of Economics, University of London.

1986-88, Teaching and Research Assistantship from the Department of Physics of the University of Delaware.

1986, The Annual Physics Prize Award of the NYIT.

1983-86, Undergraduate Scholarship from the Fulbright Commission.

1984-85 and 1985-86, The annual scholarship of the Greek-American Community of New York State.

### **MEMBERSHIP IN SCIENTIFIC SOCIETIES:**

The British Society for the Philosophy of Science

Philosophy of Science Association

European Society for Analytic Philosophy

HOPOS, The International Society for the History of Philosophy of Science

European Philosophy of Science Association

POND, Network for the Philosophy of Science Around the Mediterranean

East European Network for the Philosophy of Science

### **DEPARTMENTAL AND UNIVERSITY SERVICE:**

- Head of the Department of Classics and Philosophy (2019-2020), (2020-2022)
- Member of the Senate of the University of Cyprus (2020-2022)
- Member of the Council of the School of Letters (2018-21)
- Member of the Senate of the University of Cyprus (2018-2020)
- Representative of the School of Letters in the committee for post-doctoral fellows (2018)
- Member of the Senate of the University of Cyprus (2014-2016)
- Member of the Senate of the University of Cyprus (2012-2014)
- Representative of the School of Letters in the Senate Committee for Undergraduate Studies (2011-2016)
- Representative of the School of Letters in the Committee of Alumni (2010-11)
- Member of the Council of the School of Letters (2010-13)

## **ORGANIZATION OF CONFERENCES AND WORKSHOPS:**

Organizer of workshop *Describing the Abstract and Representing the Real II*, University of Cyprus, Department of Classics and Philosophy, June 2018, Nicosia, Cyprus.

Organizer of Philosophy of Science workshop, University of Cyprus, Department of Classics and Philosophy, June 2018, Nicosia, Cyprus.

Organizer of workshop *Describing the Abstract and Representing the Real*, University of Cyprus, Department of Classics and Philosophy, May 2015, Nicosia, Cyprus.

Organizer of Philosophy workshop, Department of Classics and Philosophy, April 2015, Nicosia, Cyprus.

Co-organizer of workshop on *Corruption*, University of Cyprus, Department of Classics and Philosophy, December 2015, Nicosia, Cyprus.

Organizer of workshop *Philosophy Today*, University of Cyprus, Department of Classics and Philosophy, March 2013, Nicosia, Cyprus.

Co-organizer (together with the late Prof. Ioannis Taifakos) of Symposium in *Ancient Philosophy: Plato*. University of Cyprus, Department of Classics and Philosophy, October 2012, Nicosia, Cyprus.

Organizer of workshop *Mind, Language, Knowledge: The perspective of Philosophy*, University of Cyprus, Department of Classics and Philosophy, June 2012, Nicosia, Cyprus.

Member of the Scientific Program Committee of the *3<sup>rd</sup> Conference of the European Philosophy of Science Association, EPSA2011*, November 2011, Athens, Greece.

Co-organizer (together with Prof. Athanasios Raftopoulos and Dr. Konstantinos Korfiatis) of *The 5<sup>th</sup> Pan-Hellenic Conference: History, Philosophy and Education of the Physical Sciences*, June 2009, Nicosia, Cyprus.

Co-organizer (together with Dr. Antony Hatzistavrou) of *Events in Analytic Philosophy: Workshop on Theories of Action*. University of Cyprus, June 2005.

Co-organizer (together with the late Prof. Ioannis Taifakos and Dr. Antony Hatzistavrou) of *Events in Analytic Philosophy: Philosophy of Science Colloquium*. University of Cyprus, School of Letters, September 2004.

## **MEMBER OF EDITORIAL OR ADVISORY BOARD**

*Neusis*, the Greek Journal for the Philosophy and History of Science.

*Analytica*, open access Philosophy Journal.

Series Sapere, Heidelberg/Berlin: Springer

## **REFEREE**

Referee of articles for the journals:

*Philosophy of Science*

*Science & Education*

*Neusis*

*Journal of Philosophical Research*

*Journal of Mind and Society*

*European Journal for Philosophy of Science*

*Synthese*

*British Journal for the Philosophy of Science*

*Journal of General Philosophy of Science*

*Philosophia*

*Studies in History and Philosophy of Science*

*International Studies in the Philosophy of Science*

Referee of papers for numerous book publications, e.g. publications by the *European Science Foundation Research Networking Programme: Philosophy of Science in a European Perspective*, publications by European Philosophy of Science Association (EPSA).

## **RESEARCH PROGRAMS:**

- Member of the Steering Committee (representative of Cyprus, Cyprus Research Foundation) of the *European Science Foundation Research Networking Programme: Philosophy of Science in a European Perspective*. (2008-2013) (Budget: 700,000 Euro)
- Coordinator of Leventis Research Program: *Describing the Abstract and Representing the Real*. University of Cyprus. (2014-2016) (Budget: 30,000 Euro)
- Coordinator of University of Cyprus Research Program: *Describing the Abstract and Representing the Real II*. University of Cyprus. (2016-2019) (Budget: 38,000 Euro)

## **OTHER PROFESSIONAL SERVICES:**

- Member of several Scientific Programs Committees in Greece and Europe: e.g. Pan-Hellenic Conferences of *Philosophy of Science*, *International Conferences of the European Philosophy of Science Association (EPSA)*.
- Elected member to the steering committee of *European Philosophy of Science Association* (2011-2013).
- Scientific supervision of the analytic program for the high school course in Logic-Philosophy for the Ministry of Education of Cyprus.

## **TEACHING EXPERIENCE:**

**University of Cyprus** Department of Classics and Philosophy (2003-present).

Courses taught:

1. Introduction to the Philosophy of Science
2. British Empiricism (Locke, Berkeley, Hume)
3. Theories of Causation (from Hume to the present)
4. Rationalism vs. Relativism
5. Logic
6. Further Logic
7. Scientific Method
8. Philosophy of Science
9. Feminism and Science
10. Analytic Philosophy
11. Seminar in Philosophy of Science
12. Seminar in Philosophy of Social Science
13. Philosophy of Religion
14. Logical Positivism
15. Seminar in Philosophy of Religion

**University of Cyprus** Department of Physics (2007-2017).

Courses taught:

1. History of Physics (For the MSc program *Principles of Physics*)
2. Methodology of Physics (For the MSc program *Principles of Physics*)

**University of Athens** (January 2010- May 2010)

Visiting professor at the Department of Mathematics, University of Athens, Greece.

Courses taught (in collaboration with other colleagues):

1. Representation in Mathematics

**London School of Economics and Political Science** (1997-2000).

Tutorials Taught:

1. Logic
2. Problems of Philosophy and Methodology
3. Philosophy of Science and Scientific Method
4. The Rise of Modern Science and Scientific Revolutions

**University of North London** (1997-1998).

Courses Taught:

1. Calculus I and II,
2. Differential Equations

**Cyprus College** (1989-1997).

Courses taught:

1. Classical Mechanics
2. Classical Electricity and Magnetism
3. Modern Physics
4. Calculus I, II and III
5. Differential Equations

6. Linear Algebra
7. Partial Differential Equations
8. Formal Logic

**University of Delaware** (1986-1988).

Courses taught:

1. Classical Mechanics
2. Classical Electricity and Magnetism
3. Introduction to Modern Physics

### **SUPERVISION OF POST-DOCTORAL FELLOWS:**

Andreas Vrahimis, Department of Classics and Philosophy (2019-2020 & 2020-21)

### **SUPERVISION OF PhD and MSc THESES:**

Supervisor of PhD Thesis for the University of Cyprus: Christiana Andreou. Thesis Title: “Scientific Models, cognitive models and science education” (2018)

Member of the three-member committee for the PhD thesis in Philosophy, for the University of Athens:

Kalliopi Rousomani. Thesis Title: “The Concept of Object in Modern Physical Theories” (2020)

Member of the committee for the PhD thesis in Science Education, for the University of Cyprus:

Rodothea Hadjilouka. Thesis Title: “Promoting student understanding of the interaction between science and technology” (2018)

Member of the committee for the PhD thesis in Science Education, for the University of Cyprus:

Maria Charalambous. Thesis Title: “The relation between conceptual understanding in the physical sciences and the understanding of the nature of science” (2019)

Member of the committee for the PhD thesis in Science Education, for the University of Cyprus:

Pantelitsa Karnaou. Thesis Title: “Examining modelling practices in scientific domains” (expected 2021)

Member of the committee for the PhD thesis in Philosophy, for the National Technical University of Athens:

Efi Kyprianidou. Thesis Title: “Understanding Linguistic Expression” (2011)

Member of the committee for the PhD thesis in Philosophy, for the University of Athens:

Dimitris Kilakos. Thesis Title: “Models and Active Representation in Science” (2015)

Between 2005 and 2011 I have been a member of the three-member committee for Msc theses on several topics related to Science Education and Philosophy of Science, for the Department of Education, University of Cyprus, of the following postgraduate students:

1. Sevastidou Alexia.
2. Kakouli Kyriaki.
3. Hadjilouka Rodothea.
4. Michael Georgia.
5. Christiana Andreou.

#### **RESEARCH COLLABORATIONS:**

- Fellow of the Center for Philosophy of Science, University of Pittsburgh.
- European Science Foundation Research Networking Programme: Philosophy of Science in a European Perspective, Member of the Steering Committee.
- Department of History and Philosophy of Science, University of Athens.

#### **RESEARCH INTERESTS:**

Philosophy of Science, History of Science, Epistemology:

The nature and structure of scientific theories; the nature and functions of Scientific Models; the relation between theories and models in science; the role of models in scientific explanation; theoretical representation of phenomena; the evolutionary history of models of the nuclear structure; the methodology of idealisation and abstraction in science; idealisation and abstraction in scientific modelling and its epistemic consequences; the importance of Philosophy of Science for Science Education and Mathematics Education.

#### **REFEREED PAPERS READ IN INTERNATIONAL CONFERENCES:**

1. (2019) “How do perception and cognition interact”, The European Society of Philosophy and Psychology Conference, September 2019, Athens, Greece
2. (2019) “How do perception and cognition interact”, The European Conference for Cognitive Science, September 2019, Bochum, Germany
3. (2019) “Abstraction in Scientific Modelling”, 16<sup>th</sup> International Congress on Logic, Methodology and Philosophy of Science and Technology, August 2019, Prague, Czech Republic.
4. (2019) “Abstraction as Selective Attention”, Italian Society for Cognitive Science, May 2019, Luca, Italy
5. (2019) “How do Cognition and Perception Interact”, Italian Society for Cognitive Science, May 2019, Luca, Italy

6. (2018) “Abstraction and Scientific Modeling”, the 5<sup>th</sup> Pan-Hellenic Conference of *Philosophy of Science*, November 2018, Athens, Greece. (IN GREEK)
7. (2018) “Timing Time: Why recent arguments that early vision is cognitively penetrated fail”, GAP10: German Analytic Philosophy Conference, September 2018, Koln, Germany.
8. (2018) “Distinguishing Abstraction from Idealization”, *World Congress of Philosophy*, August 2018, Beijing, China.
9. (2018) “How not to distinguish Abstraction from Idealization”, 2<sup>nd</sup> East European Conference of Philosophy of Science, June 2018, Bratislava, Slovakia.
10. (2017) “From Anthropomorphism to Modern Science: The case of Optics, Conference on Mirrors and Mirroring- From Antiquity to Early Modern Period, Vienna, October 2017, Austria.
11. (2017), “How Idealization and Abstraction could be distinguished”, *Ninth European Congress for Analytic Philosophy*, ECAP9, August 2017, Munich, Germany.
12. (2017) “How not to Distinguish Idealization from Abstraction”, *Italian Society for Logic and Philosophy of Science International Conference*, June 2017, Bologna, Italy.
13. (2017) “How Many Core Systems For Number”, *The 6<sup>th</sup> Annual International Conference on Cognitive and Behavioral Psychology*, March 2017, Singapore.
14. (2016) “Idealization, Abstraction and Scientific Representation”, the 4<sup>th</sup> Pan-Hellenic Conference of *Philosophy of Science*, December 2016, Athens, Greece. (IN GREEK)
15. (2016) “Scientific Models and the characteristics of Science”, the 9<sup>th</sup> Pan-Hellenic Conference *History, Philosophy and Education of the Physical Sciences*, November 2016, Athens, Greece. (IN GREEK)
16. (2016), “Abstraction and Idealization”, *8<sup>th</sup> Quadrennial Fellows Conference of the Center for Philosophy of Science of the University of Pittsburgh*, July 2016, Lund, Sweden.
17. (2016), “Scientific Modelling and Idealization”, 1<sup>st</sup> Bulgarian Conference of Philosophy of Science, (June 2016), Sofia, Bulgaria.
18. (2015), “Scientific Representation: A Denotation Account”, *5<sup>th</sup> International Conference of the European Philosophy of Science Association*, September 2015, Dusseldorf, Germany.
19. (2015), “Idealization and Scientific Models: Reducing the Information Content”, International Conference: *Model-Based Reasoning in Science and Engineering*:



*Theoretical and Cognitive issues*, MBR'015. June 2015, Sestri Levante, Italy.

20. (2014), "Idealization and Approximation in Science", the 8<sup>th</sup> Pan-Hellenic Conference *History, Philosophy and Education of the Physical Sciences*, November 2014, Patra, Greece. (IN GREEK)
21. (2014) "The distinction between Idealization and Approximation in Science", the 3<sup>rd</sup> Pan-Hellenic Conference of *Philosophy of Science*, November 2014, Athens, Greece. (IN GREEK)
22. (2014) "How scientific models differ from works of fiction", *Italian Society for Logic and Philosophy of Science International Conference*, June 2014, Rome, Italy.
23. (2014) "The Types of Change that Underlie the Transitions among the Different Types of Representations of Functions and the ETM", June 2014, Madrid, Spain.
24. (2013) "Scientific Representation", *World Congress of Philosophy*, August 2013, Athens Greece.
25. (2012) "Why Scientific Models are distinct from Works of Fiction", 2<sup>nd</sup> *Panhellenic Conference of Philosophy of Science*, November 2012, Athens, Greece. (IN GREEK)
26. (2012) "A Unified Conception of Idealization in Scientific Modelling", 7<sup>th</sup> *Quadrennial Fellows Conference of the Center for Philosophy of Science of the University of Pittsburgh*, June 2012, Mugla, Turkey.
27. (2012) "Idealization and Scientific Models: Reducing the Information Content", International Conference: *Model-Based Reasoning in Science and Engineering: Theoretical and Cognitive issues*, MBR'012. June 2012, Sestri Levante, Italy.
28. (2012) "Idealization, Scientific Modelling and Representation", Triennial Conference of the *Société de philosophie analytique*, SOPHA 2012, May 2012, Paris, France.
29. (2011) "Idealization and Scientific Models: Reducing the Information Content", 3<sup>rd</sup> *International Conference of the European Philosophy of Science Association*, November 2011, Athens, Greece.
30. (2011) "Idealization, Abstraction and Decomposition in Scientific Modelling", *Seventh European Congress for Analytic Philosophy*, ECAP 7, September 2011, Milan, Italy.
31. (2011) "Scientific Representation, Models and Mechanisms", 14<sup>th</sup> *Congress of Logic, Methodology and Philosophy of Science*, July 2011, Nancy, France.
32. (2011) "Three Characteristics of Idealization in Scientific Modelling", 11<sup>th</sup> *International and 6<sup>th</sup> Greek History, Philosophy and Science Teaching Joint Conference*, July 2011, Thessaloniki, Greece.

33. (2011) “Representation and Scientific Modelling”, *3<sup>rd</sup> biennial conference of The Society for the Philosophy of Science in Practice (SPSP)*, June 2011, Exeter, UK.
34. (2010) “Scientific Representation and Explanatory Power”, *Italian Society for Logic and Philosophy of Science International Conference*, December 2010, Bergamo, Italy.
35. (2010) “Representation, Reference and Explanation”, *1<sup>st</sup> Panhellenic Conference of Philosophy of Science*, October 2010, Athens, Greece. (IN GREEK)
36. (2009) “Theories, Models and Scientific Representation”, *2<sup>nd</sup> International Conference of the European Philosophy of Science Association*, October 2009, Amsterdam, The Netherlands.
37. (2009) “The Nature of Science and the Methodological Analysis of Experiment in Relation to Theory”, (co-authored with Elias Eliades), *5<sup>th</sup> Pan-Hellenic Conference: History, Philosophy and Education of the Physical Sciences*, June 2009, Nicosia, Cyprus. (IN GREEK)
38. (2008) “Idealization and Scientific Modelling”, *6<sup>th</sup> European Congress of Analytic Philosophy*, August 2008, Cracow, Poland.
39. (2008) “Conflict and the Construction of a Common System of Beliefs”, (co-authored with P. Stavrinides), *International Interdisciplinary Research Conference: Understanding Conflicts Cross-Cultural Perspectives*, August 2008, Aarhus, Denmark.
40. (2008) “Abstraction and Scientific Modelling”, *6<sup>th</sup> Quadrennial Fellows Conference of the Center for Philosophy of Science of the University of Pittsburgh*, July 2008, Athens, Ohio.
41. (2007) “Idealization and Abstraction in Scientific Modelling”, *1<sup>st</sup> International Conference of the European Philosophy of Science Association*, November 2007, Madrid, Spain.
42. (2007) “Explicating the Processes of Idealization and Abstraction”, *International Conference: Models and Simulations 2*, October 2007, Tilburg, The Netherlands.
43. (2007) “Idealization and Abstraction in the Physical Sciences”, *The 4<sup>th</sup> Pan-Hellenic Conference: History, Philosophy and Education of the Physical Sciences*, October 2007, Patra, Greece. (IN GREEK)
44. (2007) “The Use of Models in Science Education”, (co-authored with Christiana Andreou and Athanasios Raftopoulos) *The 4<sup>th</sup> Pan-Hellenic Conference: History, Philosophy and Education of the Physical Sciences*, October 2007, Patra, Greece. (IN GREEK)
45. (2007) “How Popper’s Construal of Scientific Theories fits our understanding of Scientific Models”, (co-authored with Athanasios Raftopoulos) *International Conference: Rethinking Popper*, September 2007, Prague, Czech Republic.

46. (2007) "Seeking Representations of Phenomena: Phenomenological Models", *First biennial conference of The Society for the Philosophy of Science in Practice (SPSP) 2007*, August 2007, Twente, The Netherlands.
47. (2006) "Seeking Representations of Phenomena: Phenomenological Models", *20<sup>th</sup> Biennial meeting of the Philosophy of Science Association*, November 2006, Vancouver, British Columbia, Canada.
48. (2006) "Scientific Models as Representational Agents", *The 6<sup>th</sup> International Conference of the German Society for Analytic Philosophy (GAP.6)*, September 2006, Berlin, Germany.
49. (2006) "Abstraction, Induction and Abduction in Scientific Modelling", *The 17<sup>th</sup> European Conference on Artificial Intelligence (ECAI'06), Workshop on Abduction and Induction in AI and Scientific Modelling*, August 2006, Riva del Garda, Italy.
50. (2006) "Representational Models and the Problem of Provisos", *6<sup>th</sup> Congress of HOPOS, the International Society for the History of Philosophy of Science*, June 2006, Paris, France.
51. (2005) "The Meaning of Theoretical Representation in the Physical Sciences", *The 3<sup>rd</sup> Pan-Hellenic Conference: History, Philosophy and Education of the Physical Sciences*, September 2005, Athens, Greece. (IN GREEK)
52. (2005) "The Relation of Idealisation and Approximation in Science", *Fifth European Congress for Analytic Philosophy, ECAP 5*, August 2005, Lisbon, Portugal.
53. (2005) "The Concepts of Idealisation, Abstraction and Approximation in Science", *The 8<sup>th</sup> conference of the International History, Philosophy and Science Teaching Group*, July 2005, Leeds, UK.
54. (2005) "Reduction and Understanding: The Case of Quantization of Classical Functions", *4<sup>th</sup> Mediterranean Conference on Mathematics Education*, January 2005, Palermo, Italy.
55. (2004) "The Role of Models in the Development of our Representations of Phenomena", *International Conference: Model-Based Reasoning in Science and Engineering: Abduction, Visualisation, Simulation, MBR'04*. December 2004, Pavia, Italy.
56. (2004) "Scientific Models and the Semantic View of Scientific Theories", *19<sup>th</sup> Biennial meeting of the Philosophy of Science Association*, November 2004, Austin, Texas, USA.
57. (2004) "On the Notion of 'Observation' in Science: Understanding the role of Idealisation and Abstraction", *4<sup>th</sup> European Symposium on Conceptual Change. Philosophical, Historical, Psychological and Educational Approaches*, May 2004, Delphi, Greece.

58. (2003) “A study of Model Construction for the Representation of the Nuclear Structure”, *12<sup>th</sup> International Congress of Logic, Methodology and Philosophy of Science*, August 2003, Oviedo, Spain.
59. (2002) “Constructing Representation Models of the Nuclear Structure: A Study of the Processes of Model Construction”, *4<sup>th</sup> European Congress for Analytic Philosophy*, June 2002, Lund, Sweden.
60. (2001) “A Theory of Model Construction in Physics: The Conceptual Process of Abstraction and Concretisation”, International Conference: *Model-based Reasoning: Scientific Discovery, Technological Innovation, Values*, MBR’01, May 2001, Pavia, Italy.
61. (2000) “On the History of the ‘Received View of Scientific Theories’: The Hempellian Turn”, (co-authored with Psillos S.), *3<sup>rd</sup> Congress of HOPOS, the International Society for the History of Philosophy of Science*, July 2000, Vienna, Austria.
62. (1998) “Wesley Salmon’s Theory of Process Causality”, Post-graduate Conference, University of London, February 1998, London, UK.

**PAPERS READ IN THE CAPACITY OF INVITED OR PLENARY SPEAKER:**

1. (2019) “Comments on: “The role of idealizations in describing an isolated molecule””, IV POND Conference, September 2019, Barcelona, Spain.
2. (2019) “Decomposition: A mode of Idealization”, *Workshop on Scientific Models and Idealization*, June 2019, Prague, Czech Republic.
3. (2019) “Abstraction and Idealization in Scientific Method”, *1<sup>st</sup> Interdisciplinary Conference* of the University of Cyprus, May 2019, Nicosia, Cyprus.
4. (2019) Participation after invitation in the Round Table Discussion: The prospects of Interdisciplinarity in the University of Cyprus, *1<sup>st</sup> Interdisciplinary Conference* of the University of Cyprus, May 2019, Nicosia, Cyprus.
5. (2018) “Critical Thinking and Science”, Association of Leventis Foundation Fellows, Nicosia, November 2018, Cyprus.
6. (2018) “Critical Thinking... and some Philosophy”, Philosophy Club, University of Cyprus, October 2018, Cyprus.
7. (2018) “Abstraction and Iconic Representation”, *Workshop on Iconic Representation*, University of Cyprus, September 2018, Cyprus.
8. (2018) “Critical Thinking: The case of Abduction”, Department of Philosophy, The University of Thessaloniki, April 2018, Thessaloniki, Greece.

9. (2017) “Comments on O. Pombo’s Representation in Scientific Imaging”, II POND Conference, The University of Athens, September 2017, Greece.
10. (2017) “Idealization and Abstraction in Scientific Modeling”, The Philosophy Department, University of Patra, May 2017, Patra, Greece.
11. (2017) “Critical Thinking”, Department of Psychology, University of Thessaloniki, March 2017, Thessaloniki, Greece.
12. (2017) “Idealization and Abstraction in Science”, Department of Psychology, University of Thessaloniki, March 2017, Thessaloniki, Greece.
13. (2017) “Uncertainty in scientific thought” ASPAITE, March 2017, Thessaloniki, Greece.
14. (2017) “Critical Thinking”. ASPAITE, March 2017, Thessaloniki, Greece.
15. (2016) “Distinguishing Idealization from Abstraction”, Mediterranean Philosophy of Science Conference, September 2016, Jerusalem, Israel
16. (2015), “Three kinds of Idealization in Scientific Modeling”, *Workshop on Scientific Modeling: Describing the Abstract and Representing the Real*, May 2015, Nicosia, Cyprus.
17. (2015) “Representation and Proof in Mathematics”, invited talk at the annual conference of the *Cyprus Mathematics Society*, February 2015, Ayia Napa, Cyprus.
18. (2014) Participation after invitation in the Round Table Discussion: “The Future of History, Philosophy and Education of the Physical Sciences in the Greek World”, invited talk at *The 8<sup>th</sup> Pan-Hellenic Conference: History, Philosophy and Education of the Physical Sciences*, November 2014, Patra, Greece. (IN GREEK)
19. (2014) “Idealizing-Decomposition in Models of Evolution”, invited talk at the Philosophy Dubrovnik International Workshop, April 2014, Dubrovnik, Croatia.
20. (2013) “Living without the abstract: Scientific Models and Realism”, invited talk at the Workshop: *The Metaphysics of Scientific Realism*, March 2013, Athens, Greece.
21. (2013) “Science and Uncertainty”, invited talk by the philosophical society *Eleusis*, February 2013, Nicosia, Cyprus.
22. (2012) “Representation of Mathematical Concepts”, invited talk at the annual conference of the *Cyprus Mathematics Society*, February 2012, Pafos, Cyprus.
23. (2011) “Idealization and Theory Application: The Case of Economics”, invited talk at the Workshop: *The Sciences of the Artificial vs. the Cultural and Social Sciences*, September 2011, Bucharest, Romania.
24. (2011) “Representation of Mathematical Entities”, invited talk at the *2<sup>nd</sup> Conference*

*of Five Cities: Nicosia, Rhodes, Bologna, Palermo, Locarno*, May 2011, Rhodes, Greece.

25. (2011) “Physics and Uncertainty”, invited talk at the one-day conference *Physics and Social Values* organized by *The Cyprus Association of Physics Teachers*, April 2011, Nicosia, Cyprus. (IN GREEK)
26. (2010) “Aristotle’s Theory of Abstraction” invited talk at the University of Cyprus *International Conference: Philosophy, Literature and Scholarship*, November 2010, Nicosia, Cyprus.
27. (2010) co-authored with Athanasios Raftopoulos, “The Concept of Function and its Spatial Grounding”, invited talk at the French-Cypriot Symposium: *Mathematical Working Space* October 2010, Paris, France.
28. (2010) “Grounding Mathematical Representations in space: From the Ancient Greeks and Descartes to small children”, (co-authored with Athanasios Raftopoulos) invited talk at the University of Cyprus Symposium: *Mathematics Education Research at the University of Cyprus and the University of Cambridge*, September 2010, Nicosia, Cyprus.
29. (2009) “Idealization and Scientific Modelling: Reducing the Information Content”, invited talk at the Colloquium of the Department of Philosophy, University of Dusseldorf, October 2009, Dusseldorf, Germany.
30. (2009) “A Theoretical Model for the Explication of the Impact of Ideology in Conflict Situations”, invited talk at the Annual Conference: *Learning from Comparing Conflicts and Reconciliation Processes*, June 2009, Nicosia, Cyprus.
31. (2009) “The Process of Abstraction and its Impact on Scientific Representation of Phenomena”, invited talk at the Colloquium of the Department of Philosophy, University of Haifa, May 2009, Haifa, Israel.
32. (2008) “‘Representation *per se*’ vs ‘Representation as’, a Useful Distinction for Mathematics Education”, invited talk at the *1<sup>st</sup> Conference of Five Cities: Nicosia, Rhodes, Bologna, Palermo, Locarno*, September 2008, Nicosia, Cyprus.
33. (2008) “Abstraction in Scientific Modelling: Scientific Representation”, invited talk at the International Workshop: *Model-based Representation in Scientific Practice*, September 2008, Singapore.
34. (2007) Participation after invitation in the Round Table Discussion: “The coexistence of History, Philosophy and Education of the Physical Sciences in the Greek World”, invited talk at *The 4<sup>th</sup> Pan-Hellenic Conference: History, Philosophy and Education of the Physical Sciences*, October 2007, Patra, Greece. (IN GREEK)
35. (2007) “Idealization and Abstraction in Scientific Modelling”, invited talk at the Department of Philosophy, University of Toronto, March 2007, Toronto, Canada.
36. (2007) “Idealization and Scientific Modelling”, invited talk at the Center for

Philosophy of Science, University of Pittsburgh, January 2007, Pittsburgh, USA.

37. (2006) “Idealization and Mathematical Modelling in Physics”, invited talk at the Physics Seminar, Department of Physics, University of Cyprus, December 2006, Nicosia, Cyprus. (IN GREEK)
38. (2006) “Freud and Religion”, invited talk at the Symposium for Freud, Department of Psychology, University of Cyprus, November 2006, Nicosia, Cyprus. (IN GREEK)
39. (2006) “Idealization in Scientific Modelling”, invited talk at the Department of Classics and Philosophy, University of Cyprus, November 2006, Nicosia, Cyprus.
40. (2006) “Idealization and Mathematical Modelling in Economics”, invited talk at the Workshop in Economic Research, Department of Economics, University of Cyprus, October 2006, Nicosia, Cyprus.
41. (2005) “Linguistic and Mathematical Representations”, invited talk at the Interinstitutional-Interdisciplinary Postgraduate Program: Education and Methodology in Mathematics, Summer School, July 2005, Delphi, Greece. (IN GREEK)
42. (2005) “Mathematical Models and Conceptual Change”, invited talk at the *Colloquium: Interdisciplinary Approach to Mathematics*, University of Athens, April 2005, Athens, Greece. (IN GREEK)
43. (2004) “Problems of Philosophy of Science”, *Events in Analytic Philosophy: Philosophy of Science Colloquium*, University of Cyprus, September 2004, Nicosia, Cyprus. (IN GREEK)
44. (2004) “The Concept of Scientific Model as an Agent of Theoretical Representation and the Semantic View of Scientific Theories”, invited talk at the Department of Philosophy, University of Patra, May 2004, Patra, Greece. (IN GREEK)
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