

# Olga Pombo

## *Curriculum Vitæ*

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### **Contact**

Prof. Dr. Olga Pombo

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CFCUL Webpage: <http://cfcul.fc.ul.pt>

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## Education

- 2009 Aggregation in History and Philosophy of Science, University of Lisbon with the lesson “Tarefas da Epistemologia e Filosofia das Ciências para o século XXI” (“Tasks for Epistemology and Philosophy of Science in the 21st Century”).
- 1998 PhD in Philosophy by the Faculty of Science, University of Lisbon, with the Dissertation: “Unidade da Ciência e Configuração Disciplinar dos Saberes” (“Unity of Science and Disciplinary Configuration of Knowledge”).
- 1986 Master in Modern Philosophy by the Faculty of Human and Social Sciences, New University of Lisbon, with the Dissertation “Leibniz e o Problema de uma Língua Universal” (“Leibniz and the Problem of a Universal Language”)
- 1982 Post-Graduation in Modern Philosophy by Faculty of Human and Social Sciences, New University of Lisbon
- 1971 Graduated in Philosophy by the Faculty of Letters, University of Lisbon.
- 1970 Bachelor in Pedagogical Sciences, Faculty of Letters of the University of Lisbon

## **Current Position**

Professor with Aggregation of the Faculty of Sciences of the University of Lisbon, Portugal (2009-2015)

Coordinator of the Centre for Philosophy of Science of the University of Lisbon (CFCUL), a research centre funded by the Portuguese Foundation for Science and Technology (FCT) (since 2003).

Program Director of the International Doctoral Program on Philosophy of Science, Technology, Art and Society (PD-FCTAS) funded by Portuguese Foundation for Science and Technology (FCT) (2014-2016)

Member of the Scientific Council of the Réseau National des Maisons des Sciences de l'Homme (RnMSH).

## **Main research areas**

Philosophy of Science

Modern Philosophy

Theory of Image

Science and Art

Philosophy of Education

## Professional career

- 1970- 1972 Professor (Assistant) of History and Philosophy of the M. Amália Vaz de Carvalho Secondary Scholl, Lisbon
- 1972 – 1973 Classical Stage for the Teaching of Philosophy, D. Pedro V Secondary School, Lisbon
- 1973 State Examination for “Certified Philosophy Teacher”, Camões Secondary Scholl, Lisbon
- 1973 – 1979 Professor (Aggregated) of Philosophy of the D. Pedro V Secondary School, Lisbon
- 1979 – 1980 Professor (Effective) of Philosophy of the Coruche Secondary School, nominated as Stage Adviser of Philosophy Teaching at the D. Pedro V Secondary School, Lisbon
- 1980 – 1984 Professor (Effective) of Philosophy of the D. Pedro V Secondary School, Lisbon
- 1980 – 1984 Lisbon Philosophy Advisor for the Teaching of Philosophy (selected by national public application)
- 1984 – 1988 Assistant Professor of the Faculty of Sciences of the University of Lisbon, Department of Education (selected by public application)
- 1988 – 1998 Assistant Professor (effective) of the Faculty of Sciences of the University of Lisbon, Department of Education

- 1989 -1992 Dismissal of teaching service for development of PhD
- 1998 – 2002 Professor (Auxiliary) of the Faculty of Sciences of the University of Lisbon (Department of Education)
- 2002 – 2007 Professor (Auxiliary with definitive nomination) of the Faculty of Sciences of the University of Lisbon (Department of Education) since the 26th March
- 2003 2007 Professor (Auxiliary with definitive nomination) of the Department Unit for History and Philosophy of Science (SAHFC) of the Faculty of Sciences of the University of Lisbon, since its creation at 1st August 2007
- 2007 – 2009 President of the Department Unit for History and Philosophy of Science (SAHFC) of the Faculty of Sciences of the University of Lisbon (elected the 27th September 2007 up until the 3th July 2009)
- 2009 – 2012 President of the Department Unit for History and Philosophy of Science (SAHFC) of the Faculty of Sciences of the University of Lisbon (elected the 3rd July 2009 up until July 2012)
- 2009 – 2015 Professor with Aggregation in Department Unit for History and Philosophy of Science (SAHFC) of the Faculty of Sciences of the University of Lisbon (since the 9th June 2009 up until retirement in the 1st January 2016)

## **Academic administrative activities**

Member of the Scientific Council of the Department of Education of the Faculty of Sciences of the University of Lisbon (1987-1996).

Member of the Assembly of Representatives of the Faculty of Sciences, University of Lisbon of the Lisbon University (1986-1988).

Member of the Scientific Commission of the Department of Education, Faculty of Sciences, University of Lisbon (1998-2007).

Member of the Pedagogical Council of the Department of Education, Faculty of Sciences of the University of Lisbon (1996–1998).

President of the Scientific Council of the Department Unit for History and Philosophy of Science of the Faculty of Science, University of Lisbon (2007-2009; 2009-2012).

President of the Executive Council of the Department Unit for History and Philosophy of Science of the Faculty of Science, University of Lisbon (2007-2009; 2009-2012).

Member of the Scientific Council of the Faculty of Sciences, University of Lisbon (2007-2011).

Member of the Coordination Council of the Faculty of Sciences, University of Lisbon (2007-2009; 2009-2012).

## Teaching

### **Doctoral Program on “Philosophy of Science, Technology, Art and Society”, International PhD Program financed by Portuguese Foundation for Science and Technology (FCT), Faculty of Sciences of the University of Lisbon (since 2014)**

Epistemology (2014-2016)

Themes and Problems of Contemporary Philosophy of Science (2014-2016)

Doctoral Seminar I and II (2014-2015, 2015-2016)

Doctoral Seminar III and IV (2015-2016)

Science and Art. Image Theories, Representation and Production of the Real (2014-2016) (participation in the lecturing).

### **Master in “History and Philosophy of Science”, Faculty of Sciences of the University of Lisbon, Department Unit of History and Philosophy of Science**

Philosophy of Knowledge (2003-2004, 2005-2016)

Epistemology and Philosophy of Science of the XX century (2005-2008, 2011-2016)

Minor in “History and Philosophy of Science”, Faculty of Sciences of the University of Lisbon, Department Unit of History and Philosophy of Science

Science and Art (core course) (2009-2016)

Science and Culture (optional course) (2011-2013)

Themes and Problems of Contemporary Philosophy of Science (optional course)(2013-15)

**Master in Education, Faculty of Sciences of the University of Lisbon, Department of Education**

Epistemology and Science Teaching (1986-1987; 1988-1989)

Production, Circulation and Transmission of Scientific knowledge (1987-1988)

Philosophy of Education (1985-86; 1988-1989; 1994-1995; 2002-03)

Experiences of Transversality (2007-2008)

**Undergraduate Optional Courses, Faculty of Sciences of the University of Lisbon**

Observation and Analysis (1984-1985; 1992-1993; 1994-1996)

Interdisciplinary Seminar (1985-1989; 1992-1993)

Interdisciplinarity. Science and Mathematics (1992-1994)

History and Philosophy of Education (1992-2006)

Thematic Seminar (1999-2004)

Philosophy of Science (2001-2002) (Biochemistry Department)

Themes and Problems in Epistemology and Philosophy of Science (2003-2004; 2005-2006)



### **Tutorials, Faculty of Sciences of the University of Lisbon**

Monographies of the License in the Teaching of Mathematics (1985-88)

Stage advisor of the License in the Teaching of Mathematics (1986-88)(1999-04)(2005-2006)

Stage advisor of the License in the Teaching of Biology (1994-96)(1998-99)

Stage advisor of the License in the Teaching of Physics (1996-97, 2006-2007)

### **Other teaching and lecturing in Portugal**

Faculty of Human and Social Sciences, New University of Lisbon, graduate level (1987-1988)

University of Madeira, graduate level (1988; 1989-1990, 1999)

University of Algarve, graduate level (2003; 2004)

Faculty of Fine Arts of the Lisbon University, Master Program (2003)

Faculty of Psychology of the Lisbon University, Master and PhD Program on Developmental Psychology (2004)

Faculty of Medicine of the Lisbon University, Master Program on Bioethics (2006; 2007; 2009, 2012, 2014)

University Institute of Lisbon (ISCTE), Master and PhD Program on Complexity (2006; 2009; 2016)

University of Oporto, PhD Program (2011)

Gulbenkian Institute of Science (IGC), PhD Program(2012)

### **Lecturing and research periods abroad**

Guest Research Fellow at the Institute for Advanced Studies, Universidade Hebraica de Jerusalém (March-April 1995)

Research Fellow at the Oxford University, Jesus College (March-May 1999)

Research Fellow at the Institut für Philosophie, Viena University, (September-October 1999)

Research Fellow at the University Lille 3, France (2004)

Guest Research Fellow at the Zentrum für Literaturforschung, Berlin (2005)

Guest Professor at the Portuguese Scholl, Maputo, Mozambique (Maio, 2006)

Guest Professor of the Cátedra Latino-Americana Leopoldo Zea de Filosofia e Epistemologia da Ciência, Federal University of Latin-American Integration, Brazil (Agosto, 2011)

Guest Professor at the Federal University of Goiás, Brazil (Outubro, 2012)

### **Fellowships**

PhD fellowship by the National Institute of Scientific Research (INIC) (1989 – 1992)

PhD research period at CREA, University of Paris and Philosophy Institute, University of Leuven (1991-1992)

Sabbatical Fellowship by the Portuguese Foundation of Science and Technology (FCT) (1 November 2004- 31th July 2005)

## Supervision

### FCT researcher (1)

1. Pietro Conte, “Living Images. The Contemporary Debate on Hyperrealism between Art and Science”, FCT Investigator, Starting Grant IF/01361/2014, CFCUL/FCUL, 2015-2020

### Post-docs (15)

1. Juan Manuel Torres, “The Influence of Genetics on Contemporary Thinking”, Foundation for Science and Technology Grant SFRH/BPD/17625/2004, CFCUL, 2009-2010.
2. Nathalie Gontier, “An investigation into the different applications of an evolutionary epistemological, universal symbiogenesis and universal punctuated equilibrium approach for studies into the origin and evolution of language and culture”, Foundation for Science and Technology Grant SFRH/BPD/43519/2008, CFCUL, 2008-2009.
3. Hassan Tahiri, “Poincaré's Philosophy of Mathematics”, Foundation for Science and Technology Grant SFRH/ BPD/ 47950/2008, CFCUL, 2008-2009.
4. Lidia Queiroz, “To see the invisible: the epistemology of Gaston Bachelard and the History of Atomism”, Foundation for Science and Technology Grant SFRH/BPD/69485/2010, CFCUL, since 2010.
5. Hassan Tahiri, “Logical and Historical Analysis of Scientific Controversies Case Study: Ibn al-Haytham's al-Shukuk”, Foundation for Science and Technology Grant, SFRH/BPD/47950/2008, CFCUL, 2009-2015.
6. Alexandra Van Quynh, “Intuition in Mathematics: Epistemology and Experience”, Foundation for Science and Technology Grant SFRH/BPD/70433/2010, CFCUL, 2011-2015.

7. Zbigniew Kotowicz, "Gaston Bachelard. A Theory of the Subject and Epistemological Thought. Studies on Atomism", Foundation for Science and Technology Grant SFRH/BPD/70880/2010, CFCUL, since 2011
8. Juan Redmond, "Models and Abstract Objects in Science: For an Artefactual Approach", Foundation for Science and Technology Grant SFRH/BPD/72948/2010, CFCUL, 2012-2013
9. Nathalie Gontier "Applied Evolutionary Epistemology: How can the Extended Evolutionary Synthesis be implemented into the sociocultural domain?", Foundation for Science and Technology Grant SFRH/BPD/89195/2012, CFCUL, since 2013.
10. Ana Freire, "Towards an Ecology of Rhythm, the Seminal contribution of Rhythmanalysis for the Comparative Study of some Rhythm Based Epistemologies", Foundation for Science and Technology Grant SFRH/BPD/80851/2012, CFCUL, 2012-2013
11. Elena Casetta, "Biodiversity: A Philosophical Challenge", Foundation for Science and Technology Grant SFRH/BPD/84683/2012, CFCUL, since 2013
12. Larissa Mendoza Traffon, John Templeton Foundation grant, 2013-2014.
13. Emanuele Serrelli, John Templeton Foundation grant, 2013-2014.
14. Davide Vecchi, "Towards an heteroplastic view of biology", Foundation for Science and Technology Grant SFRH/BPD/99879/2014, CFCUL, since 2014 (supervision Luis Vicente, co-supervision Olga Pombo)
15. Klaus Gaertner, "Unity of Science and Interdisciplinarity", CFCUL grant holder (UID/FIL/00678/2013), since 2015.

### **Completed PhD dissertations (6)**

1. Alexander Gerner, “Philosophical Investigation on Attention”, PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, under supervision of Olga Pombo and co-supervision of Nuno Nabais, completed in May 2012 (Very Good, unanimity). Foundation for Science and Technology Grant SFRH/BD/23459/2005
2. Inacio Valentim, “La Parresia y el cuidado de si em Eutifron, Laques, Alcibiades de Platon. Analisis de una lectura de Michel Foucault”, PhD in Philosophy, Faculty of Humanities, University Carlos III, Madrid, under supervision of Antonio Gomez Ramos and co-supervision of Olga Pombo, completed in April 2012, at the Univ. Complutense Madrid (Very Good, unanimity).
3. João Luís Lemos e Silva Cordovil, “What is a Quantic Particle? Ontological and epistemological implications of the concept of Quantum particle in the Copenhagen and De Broglie-Croca interpretations”, PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, under supervision of Olga Pombo and co-supervision of José Croca, completed in December 2012, at the University of Lisbon (Very Good, unanimity). Foundation for Science and Technology Grant SFRH/BD/21790/2005
4. Cláudia Ribeiro, “The presence of Metaphysics in Science”, PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, under supervision of Olga Pombo, completed in May 2014, at the University of Lisbon (Very Good, unanimity). Foundation for Science and Technology Grant SFRH/BD/64527/2009
5. Silvia di Marco, “Towards an Epistemology of Medical Imaging”, PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon together with Milan University, under supervision of Olga Pombo and co-supervision of Andreia Pinnoti, completed in June 2015, at the University of Lisbon (Very Good, unanimity). Foundation for Science and Technology Grant SFRH/BD/64050/2009

6. João Barbosa, “Contributos para a Compreensão do Sucesso da Cosmologia do Big-Bang. Uma Análise Themática à Luz de Gerald Holton/ Contributes for the Comprehension of the Big Bang Cosmology success. Thematic Analysis on the basis of Gerald Holton”, PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, under supervision of Olga Pombo, completed in January 2016, at the University of Lisbon (Very Good, unanimity).

### **Ongoing PhD dissertations (10)**

1. Nuno Jerónimo, “Um Retrato de Gödel enquanto Filósofo. A Filosofia como Ciência de Rigor / Gödel’s portrait as a Philosopher. Philosophy as science of rigor”, PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon together with Pantheon Sorbonne, Paris, under the supervision of Olga Pombo and co-supervision of Mark Vann Atten. PhD individual grant by the Portuguese Foundation for Science and Technology SFRH/BD/47643/2008
2. Ana Maria Mendes Gaspar, “Entre Conceito e Imagem. De Bachelard a Bion / Concept and Image. From Bachelard to Bion”, International FCT Doctoral Program in Philosophy of Science, Technology, Art and Society, Faculty of Sciences, University of Lisbon, under the supervision of Olga Pombo and co-supervision of Catarina Nabais.
3. Fernando Rua, “As experiências de pensamento como objetos de ficção / Thoughts experiments as fiction objects”, International FCT Doctoral Program in Philosophy of Science, Technology, Art and Society, Faculty of Sciences, University of Lisbon, under the supervision of Olga Pombo and co-supervision of Nuno Nabais and Shahid Rahman (in progress).

4. Ana Pato, “A oposição entre materialismo e idealismo no debate entre as principais interpretações da Mecânica Quântica / Opposition between materialism and idealism in the debate among the main interpretations of Quantum Mechanics”, International FCT Doctoral Program in Philosophy of Science, Technology, Art and Society, Faculty of Sciences, University of Lisbon, under the supervision of Olga Pombo. PD-FCTAS PhD grant by the Portuguese Foundation for Science and Technology / - PD/BD/114320/2016
5. Pedro Caldas, “A imagem na ciência. Da invenção da Perspectiva à imagem em movimento / Image in Science. From the invention of perspective to image in movement”, International FCT Doctoral program in Philosophy of Science, Technology, Art and Society, Faculty of Sciences, University of Lisbon, under the supervision of Olga Pombo. PD-FCTAS PhD grant by the Portuguese Foundation for Science and Technology - PD/BD/114319/2016
6. Marco Pina, “Impact of social factors on the brain-mind development. An interdisciplinary analysis of recent contributions from the evolutionary sciences, affective sciences and epigenetics to the nature debate”, International FCT Doctoral program in Philosophy of Science, Technology, Art and Society, Faculty of Sciences, University of Lisbon, under the supervision of Olga Pombo and co-supervision of Antonio Bracinha Vieira. PD-FCTAS PhD grant by the Portuguese Foundation for Science and Technology - PD/BD/114321/2016.
7. Ana Paula Soarez, “A Iconografia da Viagem Philosophica de ao Brasil: ciência e arte na (re)construção da Amazônia /The iconography of Alexandre Rodrigues Ferreira Philosophical Voyage to Brazil”, International FCT Doctoral program in Philosophy of Science, Technology, Art and Society, Faculty of Sciences, University of Lisbon, under the supervision of Olga Pombo. PhD grant from the Brazilian CAPES

8. Ana Saldanha, “The controversy Liberty/Authority and its impact in the process of knowledge transmission / A controvérsia Liberdade / Autoridade e o seu impacto no processo de transmissão do conhecimento”, International FCT Doctoral Program in Philosophy of Science, Technology, Art and Society, Faculty of Sciences, University of Lisbon, under supervision of José Luis Garcia and co-supervision of Olga Pombo.
9. Silvio Sousa, “Transcendental Geometry”, PhD in Philosophy, Faculty of Human and Social Sciences, New University of Lisbon, under supervision of Filomena Molder and co-supervision of Olga Pombo. PhD individual grant by the Portuguese Foundation for Science and Technology SFRH/BD/60471/2009
10. Ana Figueiredo, “O problema da cor em Leonardo da Vinci / The color problem in Leonardo da Vinci”, PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, under supervision of Olga Pombo and co-supervision of José Croca (in progress).

### **Completed Master dissertations (13)**

1. Maria Eduarda Santos, “Para uma pedagogia da mudança conceptual. Estudo de orientação epistemological / For a pedagogy of conceptual change. Study of epistemological orientation”, Master in Science Education, Faculty of Sciences, Lisbon University (1986 - 1989) (Very Good, unanimity). (Master dissertation published in a book in 1991)
2. Leonor Santos, “O corpo escotomizado da Escola. Contributo para a implementação da área de Formação Pessoal e Social no Ensino Secundário / The scotomized body of the school. Contribute for the implementation of the personal and social area in Secondary School”, Master in Science Education, Faculty of Sciences, Lisbon University (1995 - 1996). (Very Good, unanimity).



3. Maria Helena Duarte Abreu, “A teoria de Oparine sobre a Origem da Vida na perspectiva da História e da Filosofia das Ciências. Um contributo para o Ensino da Biologia/ Oparine’s theory on the origin of Life in the perspective of History and Philosophy of Science. One contribution to the teaching of Biology”, Master in Science Education, Faculty of Sciences, Lisbon University (2000 - 2003) (Very Good, unanimity). (Master dissertation published in a book in 2007)
4. Ana Paula Rocha Coelho de Figueiredo Silva, “Metamorfoses do conceito de Abdução em C. S. Peirce. O exemplo de Kepler / Metamorphosis of the concept of Abduction in C. S. Peirce. The example of Kepler”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2007 (Very Good, unanimity). (Master dissertation published in a book in 2009)
5. Ana Maria Mendes Gaspar, “O papel da Psicanálise nas obras de Bachelard: ‘O nascimento do espírito científico’ e ‘Psicanálise do fogo’” / The role of Psychoanalysis in the works of Gaston Bachelard: ‘The Birth of Scientific Spirit’ and ‘Psychoanalysis of fire’”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2008 (Very Good, unanimity). (Master dissertation published in a book 2010)
6. Cláudia Ribeiro, “Electrões inobserváveis e estrela invisíveis. Em torno da questão do realismo científico: Ana Musgrave / Bas C. van Fraassen / Inobservable electrons and invisible stars. Around the question of scientific realism: Alan Musgrave and Bas C. van Fraassen”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2009. (Very Good, unanimity). (Master dissertation published in a book in 2009)
7. Miguel Fezas, “A Bioquímica. Uma Ciência de Fronteira / Biochemistry. A border Science”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2009. (Very Good, unanimity).

8. Maria Manuel Costa, “As virtudes cognitivas dos modelos 3D no desenvolvimento da Química. Um estudo de caso. Van T'Hoff e a Estereoquímica / Cognitive virtues of 3D Models in the development of Chemistry. A Case study: Van t'Hoff and the Stereochemistry”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2010. (Very Good, unanimity).
9. Maria Manuela Isaiás Afonso da Costa, “A Importância da Educação musical no Desenvolvimento Cognitivo / The importance of Musical education for cognitive development”, Master in Education and Personal and Social Formation, Faculty of Sciences, University of Lisbon, 2011. (Very Good, unanimity).
10. Pedro Caldas, “Perspectiva e Conhecimento / Perspective and Knowledge”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2011. (Very Good, unanimity).
11. Thiago Henrique Santos, “Ciência e Web 2 / Science and Web2”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2011 (Very Good, unanimity).
12. Ana Pato, “Materialismo e idealismo na Física do final do século XIX e início do século XX a partir de 'Materialismo e Empiricocriticismo' de Lênine. O caso exemplar da interpretação bohriana da Mecânica Quântica / Materialism and Idealism in the Physics at the final of the XIX century and beginning of XX century on basis of Lenine's 'Materialism and empiric-criticism'. The exemplary case of Bohr's interpretation of Quantum Mechanics”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2012 (Very Good, unanimity). (Master Dissertation published in a book in 2015)
13. João André Duarte, “Can we play Science. Philosophical groundings of the 'Tinkering'”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2015 (Very Good, unanimity).

### **Ongoing Master dissertations (2)**

1. Victor Hugo, “O problema da demarcação. Antes e depois de Popper / The demarcation problem. Before and after Popper”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon.
2. Diogo Miguel Silva da Cunha, “O que é a Sociologia? Norberto Elias e o Problema do Estatuto Social das Ciências / What is Sociology? Norberto Elias and the problem of the status of Social Sciences”, Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon.

### **Professors on sabbatical (14)**

1. Juan Manuel Torres, National University of Cuyo, Argentina, Fundação Gulbenkian grant, research stay at the CFCUL (October 2003-February 2004).
2. Marcelo Dascal, Tel-Aviv University, Israel, Fundação Gulbenkian grant, research stay at the CFCUL (March 2004 – June 2004).
3. Francisco J. Salguero Lamillar, University of Seville – Group on Logic, Language and Information, Spain, research stay at the CFCUL (October 2007 - December 2007).
4. Angel Nepomuceno, University of Seville – Group on Logic, Language and Information, Spain, research stay at the CFCUL (January 2007- April 2008)
5. Paula Ramos, UNESP - S. Paulo, Brazil, Capes grant, research stay at the CFCUL (September 2008- December 2008)
6. Rasmus Tore Slaattelid, University of Bergen, Centre for the Study of the Sciences and the Humanities, Norway, research stay at the CFCUL (2008-2009)

7. Rosana Monteiro, Federal University of Goiás, Brazil, Capes Grant, research stay at the CFCUL (September 2009-September 2010)
8. Sara Fuentes Cid, Faculty of Fine Arts, Pontevedra, Spain, research stay at the CFCUL (2010 - 2011)
9. Fernando Soler, University of Seville, Group on Logic, language and information, Spain, research stay at the CFCUL (June 2010 - September 2010)
10. Jose Ernesto Calderón, National University of Cuyo, Argentina, research stay at the CFCUL (September 2010 - November 2010)
11. Emilio Gomez Caminero, University of Seville, Group on Logic, language and information, Spain, research stay at the CFCUL (June 2012- October 2012)
12. Giovanni Scarafile, University of Salento, Italy, Erasmus Mundus Grant, research stay at the CFCUL (September 2013)
13. Sergio Hugo Menna, Federal University of Sergipe, Brazil, CAPES Grant, research stay at the CFCUL (November 2014 – November 2015)
14. Wagner de Campos Sanz, Goiás University, Brazil, CAPES Grant, research stay at the CFCUL (December 2014 – March 2015)

**Foreign PhD students (funded by various agencies) (12)**

1. Remi Schorn, Pontific University Catolic South Rio Grande (PUC-RS), Brazil, research stage at the CFCUL (March - July 2007)
2. Roseli Hickmann, Federal University South Rio Grande (UFRGS), Brazil, research stage at the CFCUL (May - August 2007)
3. Silvia Meireles, Federal University South Rio Grande, UFRGS, Brazil, research stage at the CFCUL (September 2007 - January 2008)

4. Michael Cortês Gomes, State University of S. Paulo, UESP, Brazil, research stage at the CFCUL (November 2009 - October 2010)
5. Cristina Barés Gómez, Instituto de Estudios Islámicos y del Oriente Próximo, IEIOP, Spain, research stage at the CFCUL (January - June 2011)
6. Érik Luca de Mello, IMESSM-SP/FIEL/UFSCAR, Brazil, research stage at the CFCUL (January - June 2012)
7. Of José Pedro Henriques Gonçalves, Federal University of Santa Catarina, UFSC, Brazil, research stage at the CFCUL (June - October 2012)
8. Eliana Carvalho, State University of Bahia, Brazil, research stage at the CFCUL (June - December 2013)
9. Ludmila Freire, Federal University of Ceará, Brazil, research stage at the CFCUL (September 2013 - September 2014)
10. Luiz Henrique de Lacerda Abrahão, Federal University of Minas Gerais, UFMG, Brazil, research stage at the CFCUL (9 October 2013 – 27 January 2014)
11. Jorge Mendes Soares, Federal University of Rio de Janeiro, UFRJ, Brazil, research stage at the CFCUL (October - December 2014)
12. Luisa Olivia Lacerda Ramos, Federal University of Bahia, UFBA, Brazil, research stage at the CFCUL (June 2015 - January 2016).

## **International evaluation boards**

Member of the evaluation panel for the selection of a Professor for the Chair of Philosophy of Science, University Paris-Sorbonne, 2015

Member of the evaluation panel for the selection of a Maitre de Conférences in Philosophy of Science, University Paris-Sorbonne, 2015

Member of the international panel of the Institut Universitaire de France, Paris, 2009

Member of the international panel of the Institut Universitaire de France, Paris, 2010

## **Expert for the European Commission for Funding Program VI and Funding Program VII:**

Improving the Human Research Potential and the Socio-Economic Knowledge, 2001-2002;

Raising Public Awareness of Science and Technology, 2001;

Marie Curie Intra-European Fellowships, 2002, 2004;

Research Training Networks in the Economic, Social and Human Sciences, 2003;

Science and Society. European Science Week, 2003;

Marie Curie Fellowships for Early Stage Training and Transfer of Knowledge (ECO-SOC), 2003, 2004, 2005, 2006, 2007, 2010, 2011.

Vice chair at the Marie Curie Individual Fellowships (Eco-SOC), IEF- IOF- IIF, 2012.

Independent Observer at the FP7-PEOPLE, IRSES, 2013

Expert for the European Commission for Horizon 2020:

H2020-Marie Skłodowska-Curie Action-IF-2014ST- ECO-SOC, 2014, 2015

H2020 FET-OPEN - Novel Ideas for radically new technologies - research projects, 2014

H2020 - Science with and for Society (SEAC) 2015.

## **National evaluation pannels**

Member of the jury for the “Instituto Portugues do Livro e da Leitura (Portuguese Institute for Book and Reading)” (1992-1994)

Member of the jury for the prize “Tradução Científica e Técnica em Língua Portuguesa (Scientific and Technical translation into Portuguese language)” (2004-2005)

Member of the jury for CFCUL grants on “Science and Technology Management” (February 2014)

Member of the jury for CFCUL post-doc grant in the scientific area of “Science and Art” (March 2015)

Member of the jury for CFCUL post-doc grant in the scientific area of “Unity of Science and Interdisciplinarity” (April 2015)

Member of the jury for CFCUL grants on “Science and Technology Management” (November 2015)

Member of the jury for CFCUL grants on “Science and Technology Management” (July 2015)

Member of the jury for CFCUL grants on “Science and Technology Management” (March 2015)

Member of the jury for CFCUL post-doc grants in the scientific area of “Philosophy of Natural Sciences” (January 2016)

## **Aggregation defense committees (1)**

1. Member of the jury for the Aggregation by Prof. Doutor Nuno Miguel Ornelas Martins, Portuguese Catholic University of Lisbon, 19-20 September 2013.

## **PhD defense committees (12)**

1. Member (supervisor) of the jury for the PhD dissertation “Contributos para a Compreensão do Sucesso da Cosmologia do Big-Bang. Uma Análise Themática à luz de Gerald Holton” (“Contributes for the Comprehension of the Big Bang Cosmology success. Thematic Analysis on the basis of Gerald Holton”), by Master Joao Barbosa, to obtain the PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 15th January 2016.
2. Member (arguing) of the PhD dissertation “Imagem Fotográfica, Experiência e Possibilidade/Photographic image. Experience and possibility”, presented by Dr. Alexandra Beleza Moreira to obtain the PhD in Ciência e Tecnologia das Artes, Portuguese Catholic University of Oporto, 11th September 2015.
3. Member (supervisor) of the jury for the PhD dissertation “Towards an Epistemology of Medical Imaging”, by Master Silvia di Marco, to obtain the PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 9th June 2015.
4. Member (supervisor) of the jury for the PhD dissertation “A Presença da Metafísica na Ciência” (“The presence of Metaphysics in Science”), by Master Cláudia Ribeiro, to obtain the PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 30th May 2014.
5. Member of the jury for the PhD dissertation “Arte Contemporânea no tubo de Ensaio: uma reflexão sobre a responsabilidade social da Bioarte” (“Contemporary Art in the tube of essay: a reflexiono n social responsibility of Bioart”), presented by Davide Rodrigues dos Santos to obtain the PhD in History, Philosophy and Science and Technology Patrimony, Faculty of Science and Technology, New University of Lisbon, 9th December 2014.



6. Member of the jury for the PhD dissertation “Mecânica e Epistemologia em Henri Poincaré” (“Mechanics and Epistemology in Henri Poincaré”), by Master Maria de Paz to obtain the PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 11th December 2014.
7. Member (supervisor) of the Jury for the PhD dissertation "Philosophical Investigations of Attention", presented by Dr. Alexander Gerner to obtain the PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2012.
8. Member (supervisor) of the Jury for the dissertation "O que é um Objecto Quântico? Uma investigação sobre as Implicações Ontológicas e Epistemológicas desta questão" (“What is a Quantic Object? A research on the ontological and epistemological implications of the question”), presented by Dr. João L. Cordovil to obtain the PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, December 2012.
9. Member (president) of the Jury for the dissertation presented by Dr. Bruno José Mendes Gregorio Pereira de Almeida, to obtain the PhD in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2012.
10. Member (arguing) of the jury for the final examination of the “Curso de Formação Avançada” of Dr. David Rodrigues dos Santos, PhD student in History, Philosophy and Heritage of Science, under supervision of Palmira Fontes da Costa, Faculty of Science and Technology, New University of Lisbon, 2011.
11. Membro of the jury for the dissertation "Nós. Do encontro de experiências à construção de um saber de referência para a coordenação de acção conjunta. Uma voz para os educadores", presented by Dr. José Manuel Cravo Pombeiro Filipe, PhD in Education, Faculty of Sciences, University of Lisbon, 2008

12. Member (arguing) of the jury for the dissertation "Sobre a Tolerância. Contributos da Filosofia para a Educação" ("On the concept of education. Contributes from Philosophy of Education"), presented by Mestre Isabel Aguilar Macedo to obtain the PhD in Education, specialty "Education and Development", Faculty of Science and Technology, New University of Lisbon, 2007.

## **Master defense committees (20)**

1. Member (supervisor) of the jury for the dissertation "Can we play Science? Philosophical groundings of the 'tinkering'", by Joao André Duarte, to obtain the Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 7 December 2015.
2. Member (arguing) of the jury for the dissertation "Emancipação intelectual na cultura cibernética / Intellectual Emancipation in the Cybernetic Culture", presented by Dr. Maria José de Oliveira Barbosa to obtain the Master in Aesthetics, Faculty of Human and Social Sciences, New University of Lisbon, 12 June 2013.
3. Member of the Jury for the dissertation "Estudo do impacto da descoberta dos raios Xe das suas implicações médicas em Portugal / Study on the impact of X rays discovery and its medical implications", presented by Dr. António Maria de Almeida Reis Pereira Gonçalves to obtain the Master in Chemistry, Department of Chemistry and Biochemistry, Faculty of Sciences, University of Lisbon, 2012

4. Member (supervisor) of the Jury for the dissertation “Materialismo e idealismo na Física do final do século XIX e início do século XX a partir de 'Materialismo e Empirio-criticismo' de Lênine. O caso exemplar da interpretação bohriana da Mecânica Quântica / Materialism and Idealism in the Physics at the final of the XIX century and beginning of XX century on basis of Lenine's 'Materialism and empiric-criticism'. The exemplary case of Bohr's interpretation of Quantum Mechanics”, presented by Dr. Ana Pato to obtain the Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2012
5. Member (supervisor) of the jury for the dissertation "A Importância da Educação Musical no Desenvolvimento Cognitivo/The importance of musical education in cognitive development", presented by Dr<sup>a</sup> Maria Manuela Isaías Afonso da Costa to obtain the Master in Education, Personal and Social Formation, Faculty of Sciences, University of Lisbon, 2011.
6. Member (supervisor) of the jury for the dissertation “Perspectiva e Conhecimento / Perspective and Knowledge”, presented by Dr. Pedro Caldas to obtain the Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2011
7. Member (supervisor) of the jury for the final examination of the “Curso de Formação Avançada” of the PhD student in History and Philosophy of Science, Master João Lopes Barbosa, “Contributos para a Compreensão do Sucesso da Cosmologia do Big-Bang. Uma Análise Temática à Luz de Gerald Holton / Contributs for the understanding of the sucesse of Big-Bang Cosmology. A Gerald Holton's Thematic Analysis”, Faculty of Sciences, University of Lisbon, 2011
8. Member (supervisor) of the jury for the dissertation “Ciência e Web 2 / Science and Web 2”, presented by Dr. Thiago Santos, to obtain the Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2011

9. Member (supervisor) of the jury for the dissertation "As virtudes cognitivas dos modelos 3D no desenvolvimento da Química. Um estudo de caso: Van t'Hoff e a Estereoquímica / Cognitive virtues of 3D Models in the development of Chemistry. A Case study: Van t'Hoff and the Stereochemistry", presented by Dr<sup>a</sup> Maria Manuel Costa to obtain the Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2010
10. Member (supervisor) of the jury for the dissertation "Eletões inobserváveis e estrela invisíveis. Em torno do questão do realismo científico: Alan Musgrave / Bas C. van Fraassen / Inobservable electrons and invisible stars. Around the question of scientific realism: Alan Musgrave and Bas C. van Fraassen", presented by Dr. Claudia Ribeiro to obtain the degree of Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2009
11. Member (supervisor) of the jury for the dissertation "O Lugar da Psicanálise na Obras de Gaston Bachelard 'Formação do Espírito científico' a 'Psicanálise do Fogo' / The role of Psychoanalysis in the works of Gaston Bachelard 'The Birth of Scientific Spirit' and 'Psychoanalysis of fire'", presented by Dr.<sup>a</sup> Ana Maria Mendes Gaspar to obtain the degree of Master in History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2008
12. Member (arguing) of the jury for the dissertation "Projectos Educativos no Contexto Virtual Emergente/Education projects in the emergent virtual context", presented by Dr. Luís Gonçalo Dias de Carvalho Borges, Master in Philosophy, specialty "Philosophy and Educational Action", Portuguese Catholic University, 2008
13. Member (supervisor) of the jury for the dissertation "Metamorfoses do Conceito de Abdução em Peirce. O Exemplo de Kepler / Metamorphosis of the Peirce's concept of Abduction. The example of Kepler", presented by Dr.<sup>a</sup> Ana Paula Silva to obtain the degree of Master of History and Philosophy of Science, Faculty of Sciences, University of Lisbon, 2007

14. Member (president) of the jury for the dissertation "Controvérsias Sociocientíficas. Actividades de discussão e aprendizagem das Ciências da Natureza no 2º ciclo do Ensino Básico / Socioscientific controversies. Natural Sciences activities of discussion and learning at the 2nd cycle basic school", presented by Dr. Pedro Manuel Freire Patacho, to obtain the degree of Master of Education, specialty "Science Didactics", Faculty of Sciences, University of Lisbon 2006.
15. Member (arguing) of the jury for the dissertation "As Representações da Internet / Representations of Internet", presented by Dr<sup>a</sup> Ana Sofia Bacalhau Ceia Guerra Piriquito to obtain the degree of Master of "Communication and Language", Faculty of Human and Social Sciences, New University of Lisbon, 2004
16. Member (arguing) of the jury for the dissertation "Hipertextualidade: para um Estudo do Hipertexto, Textualidade e Educação / Hypertextuality: A study on Hypertext, Textuality and Education", presented by Dr. Rui Emanuel Neves da Fonseca Vaz to obtain the degree of Master of Education, speciality "Communication and Language", Faculty of Human and Social Sciences, New University of Lisbon, 2003
17. Member (supervisor) of the jury for the dissertation "A teoria de Oparine sobre a Origem da Vida na perspectiva da História e da Filosofia das Ciências / Oparine's theory on the origin of Life in the perspective of History and Philosophy of Science", presented by Dr.<sup>a</sup> Maria Helena Duarte Abreu to obtain the degree of Master of Education, specialty "Science Didactics", Faculty of Science, University of Lisbon, 2003
18. Member (arguing) of the jury for the dissertation "Divulgação e Filosofia da Ciência na obra de Henri Poincaré / Science Divulcation and Philosophy of Science in the work of Henri Poincaré", presented by Dr. Eduardo Jorge de Sousa Castro, to obtain the degree of Master of History and Philosophy of Science, Faculty of Science and Technology, New University of Lisbon, 2002

19. Member (supervisor) of the jury for the dissertation "O corpo escotomizado da escola. Contributo para a implementação interdisciplinar da área de Formação Pessoal e Social no Ensino Secundário / The scotomized body of the school. Contribute for the implementation of the personal and social area in Secondary School " presented by Dr.<sup>a</sup> Leonor Santos to obtain the degree of Master of Education, specialty "Science Didactics", Faculty of Science, University of Lisbon, 1998
20. Member (supervisor) of the jury for the dissertation "Para uma pedagogia da mudança conceptual. Estudo de orientação epistemológica / For a pedagogy of conceptual change. Study of epistemological orientation", presented by Dr.<sup>a</sup> Maria Eduarda Santos to obtain the degree of Master of Education, specialty "Science Didactics", Faculty of Science, University of Lisbon, 1989

## **PhD intermediate examination committees (10)**

1. Membro (supervisor) of the jury for the 1st year "Curso de Formação Avançada", PhD Program on Philosophy of Science, Technology, Art and Society, of the PhD student Fernando Rua "A experiência de pensamento como artefacto conceptual / Thought experiment as a conceptual artefact", Faculty of Sciences, University of Lisbon, 7 April 2016
2. Membro (supervisor) of the jury for the 1st year "Curso de Formação Avançada", PhD Program on Philosophy of Science, Technology, Art and Society, of the PhD student Ana Saldanha "A controvérsia autoridade versus liberdade e a procura de uma fundamentação dos princípios universais dos valores / The controversy autoritas versus libertas and the search for grounding values universal principles", Faculty of Sciences, University of Lisbon, 15 March 2016

3. Membro (president) of the jury for the 1st year “Curso de Formação Avançada”, PhD Program on Philosophy of Science, Technology, Art and Society, of the PhD student Tiago Carvalho “Responsabilidade ambiental e tecnológica. O contributo da ética das virtudes / environmental and technological responsibility. The contribute of the virtue ethics”, Faculty of Sciences, University of Lisbon, 15 September 2014
4. Member of the jury for the 2nd year of the “Curso de Formação Avançada” by the PhD student Joana Rigato, “Indeterminism and Free Will”, Faculty of Sciences, University of Lisbon, 22 May 2014.
5. Member (supervisor) of the jury for the 2nd year of the “Curso de Formação Avançada” of the PhD student João Barbosa, “Contributos para a Compreensão do Sucesso da Cosmologia do Big-Bang. Uma Análise Temática à Luz de Gerald Holton/ Contributes for the Comprehension of the Big Bang Cosmology success. Thematic Analysis on the basis of Gerald Holton”, Faculty of Sciences, University of Lisbon, 2013
6. Member (supervisor) of the jury for the 2nd year of the “Curso de Formação Avançada” of PhD student Cláudia Ribeiro, “A Presença da Metafísica na Ciência / The presence of Mataphysics in Science”, Faculty of Sciences, University of Lisbon, 22 January 2013.
7. Member (president) of the jury for 1st year of the “Curso de Formação Avançada” of the PhD student in History and Philosophy of Science, Dr. Joana Rigato, “Indeterminism and free will”, Faculty of Sciences, University of Lisbon, 29 April 2013.
8. Member (supervisor) of the 2nd year of the “Curso de Formação Avançada” of the PhD student Silvia di Marco on “Imagiologia Médica / Medical Imaging”, Faculty of Sciences, University of Lisbon, 21 May 2013.

9. Member (supervisor) of the jury for the 1st year of the “Curso de Formação Avançada” of the PhD student João Barbosa, “Contributos para a Compreensão do Sucesso da Cosmologia do Big-Bang. Uma Análise Thematica à Luz de Gerald Holton/ Contributes for the Comprehension of the Big Bang Cosmology success. Thematic Analysis on the basis of Gerald Holton”, Faculty of Sciences, University of Lisbon, 2012
10. Member (supervisor) of the jury for the 1st year of the “Curso de Formação Avançada” of the PhD student in History and Philosophy of Science, Master Claudia Ribeiro, “Sobre Ciência e Metafísica / On Science and Methaphysics”, Faculty of Sciences, University of Lisbon, 2011
11. Member (supervisor) of the jury for the 1st year of the “Curso de Formação Avançada” of the PhD student in History and Philosophy of Science, Master Margarita Silvia Di Marco, “Body represented: Philosophical perspectives on Medical Imaging in Contemporary Science and Art”, Faculty of Sciences, University of Lisbon, 2011
12. Member (co-supervisor) of the jury of the 1st year of the “Curso de Formação Avançada” of Dr. Silvio Sousa, a PhD student in Philosophy, Faculty of Human and Social Sciences, New University of Lisbon, under supervision of Maria Filomena Mölder and co-supervision of Olga Pombo, Faculty of Human and Social Sciences, New University of Lisbon, 2010.

## **Research units**

Coordinator of the “Research Center for Philosophy of Science of the University of Lisbon” (CFCUL), since 2003

Founding Member of the Research Center for Philosophy of Science of Lisbon University (CFCUL), Research Unit funded by the Portuguese Foundation for Science and Technology (FCT), 2003



Integrated Member of the Research Center for Philosophy of Science of the University of Lisbon (CFCUL), since 2003

Collaborator for the “Philosophy Research Center”, Faculty of Letters of the University of Lisbon (1996-2002).

Integrated Member of the “Research Center in Education” (CIEFCUL), Faculty of Sciences of the University of Lisbon (1994 - 2003).

## **Coordination of research projects**

1. Coordinator (PI) of the FCT Research Project “From Encyclopedia to Hypertext”, funded by the Portuguese Foundation for Science and Technology, POCTI/FIL/36357/2000 (1999-2002). Budget: 30.925.47€  
<<http://www.educ.fc.ul.pt/hyper>>
2. Coordinator (PI) of the FCT Research Project “Scientific Culture. Conceptual Migrations and Social Contaminations”, funded by the Portuguese Foundation for Science and Technology POCTI/FIL/48133/2002 (2003-2006). Budget: 27.550.00€.  
<<http://cfcul.fc.ul.pt/projectos/migracoes/index.htm>>
3. Coordinator (PI) of the CFCUL Research Project “Bachelard. Science and Poetics” (2006-2009).
4. Coordinator of the Portuguese team of the International Research Project “Lógica Universal e Unidade da Ciência / Universal Logics and Unity of Science” (CFCUL – University of Seville), Acções integradas, Budget: 5.000€ (2008-2010).  
< [http://cfcul.fc.ul.pt/projectos/projecto\\_sevilha.htm](http://cfcul.fc.ul.pt/projectos/projecto_sevilha.htm)>
5. Coordinator of the Portuguese team of the International Research Project “Abdução e Descoberta Científica / Abduction and Scientific Discovery”, (CFCUL – Madrid Complutense University), Acções integradas, Budget: 6.000€ (2010-2011).

6. Coordinator of the CFCUL project “Lisbon Centre for Image in Science and Art”, since 2010 <<http://lisboncisa.fc.ul.pt>>
7. Coordinator (PI) of the FCT International Research Project “Image in Science and Art /A Imagem na Ciência e na Arte”), (funded by the Portuguese Foundation for Science and Technology, PTDC/EAT/64201/2006, budget 180.705.000€ (2007-2012). <<http://ica.fc.ul.pt>>
8. Coordinator of the CFCUL project “Plato’s Protagoras” (since 2012) <<http://cfcul.fc.ul.pt/projectos/protagoras>>
9. Coordinator of the Portuguese team of the International Research Project “Knowledge Dynamics in the Field of Social Sciences: Abduction, Intuition and Invention”, CFCUL / University of Seville, Acções integradas, Budget: 6.000€ (2011-2012). <[http://cfcul.fc.ul.pt/projectos/Projecto\\_Knowledge](http://cfcul.fc.ul.pt/projectos/Projecto_Knowledge)>
10. Coordinator of the CFCUL project “Rousseau and the Sciences” (2012) <<http://cfcul.fc.ul.pt/projectos/rosseau>>
11. Coordinator of the CFCUL project “Abduction and Scientific Discovery” (2013). <<http://cfcul.fc.ul.pt/projectos/abducao/abducao.htm>>
12. Co-leader of the International Research Project “Implementing the Extended Synthesis in Evolutionary Biology into the Socio-cultural Domain”, funded by the John Templeton Foundation, budget: 200.000 € (2012) <<http://appeel.fc.ul.pt>>
13. Coordinator of the Project “Afinal o que é a Ciência?/ After all, what is Science?”, financed by Ciência Viva (National Agency for the Defense of the Scientific and Technological Culture), budget: 7.000 € (2013-2014) < <http://ciencia13-14.fc.ul.pt>>
14. Coordinator (PI) of the CFCUL Strategic Project, PEst-OE/FIL/UI0678/2011, budget: 213.358 € (2011-2013)
15. Coordinator (PI) of the CFCUL Strategic Project, PEst-OE/FIL/UI0678/2014, budget: 71.340 € (2014)
16. Coordinator (PI) of the CFCUL Strategic Project, UID/FIL/00678/2013, budget: 426.519 € (2015-2017)

17. Head of the CFCUL Research Group (RG) “Unity of Science”, (2013-2015)
18. Head of the CFCUL Research Group (RG) “Epistemology and Methodology”, (2015-3/2016)  
<<http://cfcul.fc.ul.pt/GI/EM>>
19. Head of the CFCUL Thematic Line (TL) “Unity of Science and Interdisciplinarity”, (2015-2017) < <http://uci.fc.ul.pt>>

## **Member of international research projects**

1. Member of the International Research Project "Leibniz the Polemicist", Institute for Advanced Studies, Hebrew University of Jerusalem, Israel (head by Marcelo Dascal) (1994-1998).
2. Associated Researcher of the International Project « La Science dans ses Contextes», Maison de Sciences Humaines du Nord-Pas de Calais, Université de Lille III, France (head by Shahid Rahman) (2004-2006).
3. Associated Researcher of the international project «Le Rôle de la Micro-Histoire», Université de Lille III, France (head by Shahid Rahman) (2006-2008).
4. Associated Researcher of the international project «La Contextualization des Catégories de la Pensée Scientifique» Université de Lille III, France (head by Shahid Rahman), (2006-2008).
5. Associated Researcher of the international project «Logiques de la Ficción», Université de Lille III, France (head by Shahid Rahman) (2006-2008).
6. Member of the international project “Imag(in)ing the Nano-scale: Interactions between Science and Art”, University of Bergen, Centre for the Studies of the Sciences and Humanities (head by Prof. Rasmus Tore Slaattelid)( 2009-2011).

7. Associated Researcher of the international project - FP7, European Union, “Observatory Nano” (head by Mark Morrison (2009-2011).
8. Member of the International Research Network SIPS, “Système d'Information en Philosophie des Sciences” (head by Thierry Martin (since 2007).
9. Member of the Lisbon Applied Evolutionary Epistemology Lab (since 2012)
10. Member of the management committee of the Cost Action INTREPID- Interdisciplinarity in research programming and funding cycles (since 2015)
11. Member of the international project “Complejidad y filosofía natural en el cruce de arte y ciencia / Complexity and Natural Philosophy in the crossing of art and science”, financed by PAPIIT, Mexico (head: María Antonia González Valerio) (2015-2017)

## **Member of national research projects**

1. Founding Member of the project Jean-Jacques Rousseau, Portuguese Society for Philosophy (1977 - 1979).
2. Founding Member of the Research Project Mathesis, funded by Gulbenkian Foundation/ Faculty of Sciences, University of Lisbon (1989-1995).
3. Member of the project O Ensino na Faculdade de Ciências /Teaching at the Faculty of Sciences developed by the CIE-FCUL (1995-1998)
4. Member of the Integrated Research Project, A Universidade de Lisbon. Da Ideia de Universidade às Práticas Institucionais / From the Idea of University to the Institutional Practices, funded by the Recktorship of the University of Lisbon (head Maria Odete Valente) (1997-1999).

5. Member of the CFCUL Research Project Poincaré Filósofo da Ciência / Poincaré, Philosopher of Science, funded by FCT (Portuguese Foundation for Science and Technology) (head by António Franco Oliveira) (2007-2010)
6. Member of the CFCUL Research Project Problemas Filosóficos da Física Quântica' / Philosophical problems of Quantum Physics, funded by FCT (Portuguese Foundation for Science and Technology) (head by José Croca) (2007-2010)
7. Member of the CFCUL Research Project “The Vienna Papers of Delfim Santos and the Philosophy of Science in Portugal” (head by Filipe D. Santos) (2011-2012).
8. Member of the CFCUL Thematic Line Science-Art-Philosophy Lab” (since 2015)
9. Member of the Project Dialogos / Dialogues, funded by the Portuguese Gulbenkian Foundation (2015)

## **Organization of scientific meetings**

### **International scientific meetings**

1. Organization of the symposium “Between Truth and Transgression: The shifting nature of the scientific image” at the international conference “Taboo – Transgression - Transcendence in Art and Science”, Ionian University, Corfu, Greece, 20-21 May 2016 Symposium
2. Member of the scientific committee of the International conference “Taboo – Transgression - Transcendence in Art and Science”, Ionian University, Corfu, Greece, 20-21 May 2016
3. Coordinator of the International Workshop “Interdisciplinarity in Science: Theory and Practice”, 3rd Workshop of the Thematic line Unity of Science and Interdisciplinarity”, Faculty of Sciences of the University of Lisbon, 25th January 2016

4. Member of the scientific board of the “14º Encontro Internacional Arte e Tecnologia (#14.ART): Arte e Desenvolvimento Humano / 14th International meeting Art and Technology (#14.ART): Art and Human Development”, Aveiro University, 7-11 October, 2015.
5. Coordinator of the International Workshop “How to think Interdisciplinarity”, 1st Workshop of the Thematic line Unity of Science and Interdisciplinarity”, Faculty of Sciences of the University of Lisbon, 13th March 2015
6. Member of the scientific board of the Internacional Colloquium “The Philosophers and Mathematics”, organized by Hassan Tahiri in the context of the FCT Project “Argumentation and Scientific Change: a Case Study of How Ibn al - Haytham's al-Shukuk Changed the Course of Astronomy Forever”, Faculty of Sciences of the University of Lisbon, 29-30th October 2014
7. Member of the scientific board of the “III Jornadas de Innovación Docente en la Enseñanza de la Filosofía / III Journays of Innovation in the Teaching of Philosophy”, Faculty of Philosophy, Complutense University of Madrid, Spain, October 2014
8. Coordinator of the “VIII Jornadas Ibéricas - Debates da Filosofia Contemporânea /VIII Iberic Journays – Debates of Contemporary Philosophy”, in the context of the project "Knowledge dynamics in the field of social sciences: abduction, intuition and invention", Faculty of Sciences of the University of Lisbon, Auditorium Tec Labs – Center of Innovation, 27-29 May 2014
9. Coordinator of the “Second Lisbon International Conference: Philosophy of Science in the 21st century - Challenges and Tasks”, organized by the Center for Philosophy of Science of the University of Lisbon, 4-6 December, 2013
10. Member of the scientific board of the International colloquium “Knowledge and Colonial Science”, organized by the Center for Philosophy of Science of the University of Lisbon and the Institute for Scientific Tropical Research, Lisbon, Fabrica Braço de Prata, 26-29 November 2013

11. Member of the scientific board of the International Symposium “Metamorphoses of Corporeality: Art-Body-Technology, 8th Audio-Visual Arts Festival - Ten Years of AVARTS”, University Ionian, Corfu, Greece, 16-17 May 2013
12. Member of the scientific board of the “SPT2013. Technology in the Age of Information, 18th Biennial International Conference of the Society for Philosophy and Technology (SPT)”, coordinated by José Luis Garcia and organized by ISEG-UTL, SOCIUS- UTL and ICS-UL, Lisbon, 4-6 July 2013
13. Member of the organization team of the “1st Winter and Summer School on Evolution”, held at the Ciência Viva Agency and sponsored by the John Templeton Foundation, 11-15 March 2013
14. Member of the organization of the “International Conference on Evolutionary Patterns”, held at the Gulbenkian Foundation and sponsored by the John Templeton Foundation, 27-29 May 2013
15. Coordinator of the International Colloquium on “Rousseau and the Sciences”, held at the Palacio Belmonte, Lisbon, November 2012
16. Member of the organization of the “International Symposium of Epistemology, Logic and Language (ISELL2012)”, held at the Faculty of Sciences of the University of Lisbon, October 2012.
17. Member of the organization of the international colloquium “From Grooming to Speaking: Recent trends in Social Primatology and Human Ethology”, held at the Faculty of Sciences of the University of Lisbon, Lisbon, September 2012.
18. Coordinator of the International Colloquium on “Image in Science and Art”, held at the Calouste Gulbenkian Foundation, Lisbon, February 2011.

19. Coordinator of the International Colloquium “VI Jornadas Ibéricas, / VI Iberic Journays” in the context of the international project “Knowledge Dynamics in the Field of Social Sciences: Abduction, Intuition and Invention”, CFCUL / Univ. Seville, held at the University Complutense, Madrid, November 2011
20. Member of the scientific council of the International Colloquium “Poincaré. Problems and Perspectives”, held at the Faculty of Sciences of the University of Lisbon, Lisbon, 26-27 Jan 2011.
21. Coordinator of the international workshop “Otto Neurath and the Unity of Science”, held at the Faculty of Sciences of the University of Lisbon, 17 September 2010.
22. Coordinator of the International Colloquium “From a writing society to an image society”, organized in the context of the project “Image in Science and Art”, held at the Franco-Portuguese Institute, Lisbon, May 2010.
23. Coordinator of the International Workshop “Bachelard: Conceitos & Imagens/Bachelard: Concepts and Images”, organized in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, May 2010
24. Member of the organization team of the International Colloquium “Razão-Optimismo-Teodiceia: a Herança de Leibniz no Iluminismo Europeu / Reason-Optimism-Teodicey: the heritage of Leibniz in the European Illuminism”, held at the Faculty of Sciences of the University of Lisbon, Lisbon, November 2010.
25. Coordinator of the International Colloquium “V Jornadas Ibéricas / V Iberic Journays”, in the context of the international project “Universal Logics and Unity of Science”, Faculty of Sciences University of Lisbon / University Seville, held at the University Complutense Madrid, February 2010.



26. Coordinator of the International Workshop “Goethe. A Botânica das Cores / Goethe. The Botanic of colors”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Psychology and Science Education of the University of Lisbon, 20th November 2009.
27. Coordinator of the International Workshop “Darwin 2009”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 4th November 2009.
28. Member of the organization team of the International Colloquium “The Unity of Science in the Arabic Tradition. Science, Logic, Epistemology, and their Interactions”, organized by the Centre for Philosophy of Science of the University of Lisbon, held at the Faculty of Sciences of the University of Lisbon, October 2009.
29. Coordinator of the International Workshop “Leonardo da Vinci. O esplendor da Relação Ciência e Arte” / Leonardo da Vinci. The magnificence of the relation Science and Art”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 26 and 27 October 2009.
30. Coordinator of the International Workshop “O Desenho do Corpo na Arte e na Ciência /The drawing of the body in Art and Science”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 20 May 2009.
31. Coordinator of the International Workshop “Modelos e Metáforas - entre Ciência e Arte /Models and Metaphors between Science and Art”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 14 and 15 May 2009.

32. Coordinator of the International Workshop “Lugares da Ciência / Places of Science”, organized by the CFCUL in the context of the FCT project “Image in Science and Art”, held at the Faculty of Sciences of the University of Lisbon, 13 May 2009.
33. Coordinator of the International Workshop “Vesalius, A redescoberta da Anatomia / Vesalius, the rediscovery of Anatomy”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 12 May 2009.
34. Coordinator of the International Colloquium on “Illustration in Darwin. The tree as the image of life's evolution”, organized in the context of the Project of “Image in Science and Art”, in collaboration with Ciência Viva, held at the Science Pavilion of Ciência Viva, April 2009.
35. Coordinator of the International Workshop “Pensamento Diagramático II / Diagrammatic Thought II”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 23 and 24 Marh 2009.
36. Coordinator of the International Workshop “Neuroaesthetics”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 9-10 March 2009.
37. Coordinator of the International colloquium “IV Jornadas Ibéricas. Filosofia das Ciências, Lógica e Linguagem / IV Iberic Journeys. Philosophy of Sciences, Logics and Language”, organized in the context of the CFCUL international project “Universal Logics and Unity of Science”, Faculty of Sciences University of Lisbon University, held at the Faculty of Sciences of the University of Lisbon, Lisbon, February 2009
38. Member of the scientific committee of the International colloquium “III Edition of Epistemological Perspectives on Simulation (EPOS)”, held at the ISCTE, October 2008.

39. Coordinator of the International Workshop “Pensamento Diagramático Diagrammatic Thought”, organized by the CFCUL in the context of the FCT project “Image in Science and Art, held at the Faculty of Sciences of the University of Lisbon, 2-3 June 2008
40. Coordinator of the International Workshop “La Philosophie des Sciences d'Henri Poincaré”, organized by the CFCUL in the context of the FCT project “Poincaré. Philosopher of Science”, held at the Faculty of Sciences of the University of Lisbon, 23 and 24 April 2008.
41. Coordinator of the International Colloquium “III Jornadas Ibéricas. Lógica e Filosofia da Ciência / III Iberic Journey. Logics and Philosophy of Sciences”, organized in the context of the international project “Universal Logics and Unity of Science”, Faculty of Sciences University of Lisbon / Seville University, held at the Faculty of Sciences of the University of Lisbon, Lisbon, February 2008
42. Coordinator of the International Colloquium “Visual displays of information and the practice of science”, organized by the CFCUL, held at the Faculty of Sciences of the University of Lisbon, 15 January 2008.
43. Coordinator of the International Colloquium “Diagrams in Logic and Mathematics: Epistemological Questions”, organized by the CFCUL, Faculty of Sciences of the University of Lisbon, 14 January 2008.
44. Member of the scientific committee of the International Colloquium “I Colóquio Luso-Brasileiro Leibniz / First Luso-Brazilian colloquium Leibniz”, organized by the PUC-Rio de Janeiro, held at the UERJ, Rio de Janeiro, Brazil, 2007
45. Coordinator of the International Colloquium “II Jornadas Ibéricas / II Iberic Journeys”, organized in the context of the international project “Universal Logics and Unity of Science”, Faculty of Sciences Lisbon University / Seville University, held at the Faculty of Sciences of the University of Lisbon, May 2007

46. Coordinator of the International Colloquium “I Jornadas Ibéricas / I Iberic Journeys”, organized together with the "Grupo de Lógica, Lenguaje e Información" of the Seville University, held at the Seville University, 19 March 2007.
47. Coordinator of the International Workshop “Visual representation in Art and Science”, organized by the CFCUL, held at the Faculty of Sciences of the University of Lisbon, 07 November 2007.
48. Co-coordinator of the International Workshop “Technoscience: Epistemological and Sociological Approaches”, organized by CFCUL and Social Sciences Institute (ICS), held in Lisbon, at the ICS, 21 May 2007.
49. Coordinator of the International Workshop “O que é o Diálogo? Introdução à Lógica Dialógica / What is Dialogue. Introduction to the Dialogic Logics”, organized by the CFCUL in collaboration with the research project “Savoirs, Textes, Langage, "La Science et ses Contextes", University Lille III, held at the Faculty of Sciences of the University of Lisbon, 27 April 2007.
50. Coordinator of an International Colloquium on “Abduction and the Process of Scientific Discovery”, organized by the Centre for Philosophy of Science of the University of Lisbon, held at the Science Museum of the University of Lisbon, May 2006.
51. Coordinator of the “First Lisbon Colloquium for the Philosophy of Science - Unity of Science. Non-Traditional Approaches” (2006), organized by the Centre for Philosophy of Science of the University of Lisbon, in collaboration with the Philosophy Department of the University of Texas, El Paso, and the Maison des Sciences de l’Homme, Nord-Pas de Calais, France, held at the Trindade Theatre, Lisbon, October 2006.

52. Member of the scientific committee of the International Colloquium on Philosophy in the Human Sciences "Lei, Segurança e Disciplina. Trinta anos depois de Vigiar e Punir de Michel Foucault / Law, Security and Discipline. Thirty years after 'Surveying and Punishment' of Michel Foucault", organized by the Centre for Philosophy of Science of the University of Lisbon, held at the French-Portuguese Institute of Lisbon, Lisbon, 23-25 November 2005.
53. Coordinator of the International Workshop "Dois Filósofos da Ciência. Franco Selleri e Daniel Andler / Two philosophers of Science. Franco Selleri and Daniel Andler", organized by the CFCUL, held at the Faculty of Sciences of the University of Lisbon, 8 e 9 June 2005.
54. Co-organizer of the International Colloquium "Da Ideia de Universidade / On the idea of University", put forward by the Department of Education of the Faculty of Sciences of the University of Lisbon, November 1999.
55. Member of the organizing committee of the international colloquium 'Descartes, Leibniz and Modernity', organized by the Department of Philosophy of the Faculty of Letters, held at the University of Lisbon, 1996
56. Member of the organizing committee of the International Symposium on "Communication, Meaning and Knowledge", organized by the Portuguese Philosophy Society in collaboration with the Portuguese Association for Communication Development (APDC), held at the Forum Picoas, Lisbon, 1989
57. Member of the organizing committee of the International Colloquium "Leituras da Modernidade / Readings of Modernity", organized by the Centre for the History of Culture of the New University of Lisbon, held at the Franco-Portuguese Institute, Lisbon, 1987

### **Portuguese scientific meetings**

1. Coordinator of the Workshop “The Methodology of Case Studies How to think Interdisciplinarity”, 2st Workshop of the Thematic line Unity of Science and Interdisciplinarity, Faculty of Sciences of the University of Lisbon, 4th December 2015
2. Member of the Scientific Committee of the 1st Portuguese Philosophy Congress, organized by the Portuguese Philosophy Society, Lisbon, Gulbenkian Foundation, 5-6 September 2014.
3. Coordinator of the workshop “Qual é a diferença entre Ciência e Filosofia? / What is the difference between Science and Philosophy”, Evolution Day organized by CFCUL AppEEL Lab, 16 Ciencia Viva Agency, Lisbon, March 2013.
4. Coordinator of the national colloquium “O Lugar da Filosofia da Ciência na Nova Universidade de Lisbon / The place of Philosophy in the new University of Lisbon”, held at the Recktorship of the University of Lisbon, January 2013.
5. Co-organizer with F. Delfim Santos of the colloquium “Vida e a Obra de Joaquim de Carvalho / Life and work of Joaquim de Carvalho”, in the context of the CFCUL project "Delfim Santos e a Filosofia da Ciência em Portugal", Lisbon, held at the Faculty of Sciences of the University of Lisbon, September 2012.
6. Coordinator of the workshop “As Imagens com que a Ciência se Faz / Images with which Science is made”, in the context of the FCT project “Image in Science and Art”, held at the Faculty of Sciences of the University of Lisbon, 25 May 2009
7. Coordinator of the workshop “A Ilustração Científica e a Construção do Conhecimento / Scientific illustration and the construction of knowledge”, in the context of the FCT project “Image in Science and Art”, held at the Faculty of Sciences of the University of Lisbon, 4 and 5 December 2008.

8. Co-organizer of the workshop “Sobre Galileu /On Galileu”, in collaboration with the Theater of the Escola Politécnica and Cátedra A Razão, held at the Theater of the Escola Politécnica, 18 April 2008.
9. Co-organizer of the workshop “Os últimos dias de Giordano Bruno / Last days of Giordano Bruno”, in collaboration with the Theater of the Escola Politécnica and Cátedra A Razão, held at the Theater of the Escola Politécnica, 19 February 2008.
10. Coordinator of the workshop “Os Lugares da Epistemologia e da Poética em Gaston Bachelard / The places of Epistemology and Poetics in Gaston Bachelard”, held at the Faculty of Sciences of the University of Lisbon, 10 December, 2007.
11. Co-organizer of the national colloquium ‘Darwinism versus Creationism: When does a scientific theory begin and end?’ organized by the Centre for Philosophy of Science (CFCUL), in collaboration with the Centro de Biologia Ambiental (CBA), Sociedade Portuguesa de Ciências Naturais (SPCN), Central Library of the Faculty of Sciences of the University of Lisbon and Livraria Escolar Editora, held at the Faculty of Science at the University of Lisbon, March 2007.
12. Coordinator of the workshop “Giordano Bruno morreu na fogueira em Fevereiro de 1600 / Giordano Bruno died at the fire in February 1600”, organized by the CFCUL, held at the Faculty of Sciences of the University of Lisbon, 14 February 2007.
13. Coordinator of the workshop “Arte e Ciência como Criação. Em torno de Gaston Bachelard / Art and Science as creation. Around Gaston Bachelard”, organized by the CFCUL, Faculty of Sciences of the University of Lisbon, 26 January 2007
14. Coordinator of the workshop “Ciência e Filosofia entre Rómulo de Carvalho e António Gedeão / Science and Philosophy between Romulo de Carvalho and Antonio Gedeão”, organized by the CFCUL in the context of the “National Science and Technology Week”, held at the Faculty of Sciences of the University of Lisbon, 24 November 2006.

15. Coordinator of the workshop “Como Pensar as Relações entre a História e a Filosofia das Ciências? / How to think the relations between History and Philosophy of Sciences”, organized by the CFCUL, held at the Faculty of Sciences of the University of Lisbon, 21 June 2006.
16. Co-organiser of the national colloquium “O Curso Conimbricense e a sua Tradição. Jornadas de Estudo / Conimbricensis Course and its tradition. Journeys of study”, organized by the CFCUL with the Centro de História das Ciências da Universidade de Lisbon, held at the Lisbon Museum of Science, April, 2006.
17. Coordinator of the workshop “Sobre o Indeterminismo / On Indeterminism”, organized by the Centre for Philosophy of Science, held at the Museu de Ciência da Universidade de Lisbon, 9 March 2005.
18. Member of the organizing committee of the national colloquium “Ainda nao doente. Contributos multidisciplinares para uma filosofia da Saude / Not yet ill. Multidisciplinary contributes for a philosophy of health” organized by the Centre for Philosophy of Science, in collaboration with the Center for Bioethics of the Medicine School of Lisbon University and the Gulbenkian Foundation, held at the ICS, March 2004.
19. Coordinator of the “Permanent Seminar on Philosophy of Science”, post-graduate students meetings of the Centre for Philosophy of Science, held at the Faculty of Sciences of the University of Lisbon (since 2004)
20. Coordinator of the “Conferences in Philosophy of Science” of the Center for Philosophy of Science, held at the Faculty of Science of the University of Lisbon (since 2004)
21. Co-organizer of the Seminars of History and Philosophy of Sciences, Faculty of Sciences of the University of Lisbon (2000-2002)



22. Coordinator of the series of conferences “Encontros Agostinho da Silva / Agostinho da Silva meetings” held at the Faculty of Sciences of the University of Lisbon (1998; 1999; 2000) • Member of the organizing committee of the national colloquium on “Ethics and Scientific Research”, organized by the Associação de Ciência e Tecnologia para o Desenvolvimento (ACTD), held at the Forum Picoas, Lisbon, November 1989.
23. Co-organizer of the Seminar “Interdisciplinarity and Environmental Education”, organized by the Dept. Education, held at the Faculty of Sciences of the University of Lisbon, March 1991.
24. Co-organizer of the seminar O que é a Interdisciplinaridade? / What is Interdisciplinarity, held at the Faculty of Sciences of the University of Lisbon, March 1991
25. Co-organizer of the 2nd forum on “Interdisciplinarity Experiences”, held at the Marquês de Pombal Secondary School, July 1991.
26. Co-organizer of the 1st forum on “Interdisciplinarity Experiences”, held at the Marquês de Pombal Secondary School, January 1991.
27. Coordinator of an “Interdisciplinary Seminar on Bachelard”, held at the Faculty of Science of the University of Lisbon, May 1988.
28. Member of the organizing committee of the “Segundo Encontro Filosofia em Contextos Não-Filosóficos / Second meeting Philosophy in non-philosophical contexts”, held at the Faculty of Sciences of the University of Lisbon, June 1987.
29. Member of the organizing team for the second “National Meeting of Philosophy Teachers”, organized by the Portuguese Society of Philosophy (SPF), Calouste Gulbenkian Foundation, 1980.
30. Member of the organizing team for the first “National Meeting of Philosophy Teachers”, organized by the Portuguese Society of Philosophy (SPF), Calouste Gulbenkian Foundation, 1978.

## **Exhibits**

1. Coordinator of the exhibit 'CorpoIMAGEM' (BodyIMAGE-Representations of the body in science and art", with Catarina Nabais, Cristina Tavares, Manuel V. Alves, Marco Pina, Pedro Silva, Ricardo Reis, Silvia di Marco, held at the Pavilhão do Conhecimento - Ciência Viva, Lisbon, 2 February -30 March 2011.
2. Participation in the concept and general organization of the exhibit «Islands of utopia», held at the Livraria ler Devagar, October 2004.
3. Responsible for three dossiers of the exhibition 1. "From Thomas More to Rousseau", 2. " XIX century. Au dela Utopical Socialism. The hope in the future city" and 3. " XX century. From black utopia to the disappearance of the borders of the idea of utopia "
4. Collaborator in the construction of a "Centre of Documentation on Interdisciplinary and Disciplinary Integration," Department of Education, held at the Faculty of Sciences of Lisbon University (1995)
5. Member of the organizing committee of an exhibit on "Jean-Jacques Rousseau 1712-1778", promoted by the project Jean Jacques Rousseau, held at the National Library Lisbon, May 1979.

## **Journal editor**

Editor in chief of the journal "Kairos. Journal of Philosophy & Science", CFCUL (since 2010)

## Journal editorial memberships

1. Editorial member of the journal “Filosofia”, edited by the Sociedade Portuguesa de Filosofia (1985-1990).
2. Editorial member for the journal “Revista de Educação”, edited by the Department of Education of the Faculty of Sciences of the University of Lisbon (1986-1999).
3. Editorial member of the journal “Argumento”, edited by Cosmos Press (1990-1993).
4. Consulting member for the journal “Revista de Educação”, edited by the Department of Education of the Faculty of Sciences of the University of Lisbon (2000-2005).
5. Scientific member of the journal “Contexto e Educação”, edited by UNIJUI, Brasil (since 2006).
6. Editorial consulting member for the journal “Humanidades em Revista”, edited by UNIJUI (Departamento de Filosofia), Brasil (since 2007).
7. Editorial consulting member for the journal “Revista Devenires”, Universidad Michoacana se San Nicollás de Hidalgo (Instituto de Investigaciones Filosóficas, Facultad de Filosofía Samuel Ramos), México (2007-2010).
8. Member of the scientific board of the journal “Cuadernos de Lógica, Epistemología y Lenguaje”, College Publication, UK (since 2007)
9. Member of the international advisory board of the journal “Logos and Episteme. An International Journal of Epistemology” (since 2010)
10. Member of the scientific board of the journal "Revista do Centro de Investigação sobre Ética Aplicada" (CISEA), (since 2012)
11. Member of the scientific board of the journal “Sol Nascente” (since 2013)
12. Member of the scientific board of the journal “Omnia. Revista Interdisciplinar de Ciências e Artes” (desde 2015)

## Scientific societies

1. Member of the "Associação Agostinho da Silva"/ "Association Agostinho da Silva", Lisbon, Portugal
2. Member of the "Amonet. Associação Portuguesa de Mulheres Cientistas"/ "Amonet. Portuguese Association of Women in Science", Lisbon, Portugal
3. Member of the "Société d'Histoire et d'Épistémologie des Sciences du Langage" (S.H.E.S.L.), Paris, France.
4. Member of the "Henry Sweet Society for the History of Linguistic Ideas", Oxford, UK.
5. Member of the Rousseau Association, France
6. Founding member of the French "Société de Philosophie des Sciences", France
7. Member of the Administrative Board of the "Société de Philosophie des Sciences" (2012-2014)
8. Member of the European Philosophy of Science Association (EPSA), Austria
9. Scientific member of SIPS - Maison des Sciences de l'Homme Claude-Nicolas Ledoux (UMS 27) & Centre de Documentation et de Bibliographie Philosophique (EA 2274), CNRS, France
10. Associated member of the "Association Computability in Europe" (CiE), Leeds, UK
11. Member of the scientific network "Leibniz en Espanhol", Granada, Spain
12. Member of the scientific board of the "Olimpíadas Nacionais de Filosofia / National Olympiad of Philosophy" (2012-2013)
13. Member of the advisory board of the International Association for the Study of Controversies (IASC) (since 2016)

## Publications

### Dissertations

- 1986      Leibniz e o Problema de uma Língua Universal / Leibniz and the Problem of a Universal Language (Master thesis in Philosophy at the Faculty of Human and Social Sciences of the New University of Lisbon)
- 1998      Unidade da Ciência e Configuração Disciplinar dos Saberes. Contributos para uma Filosofia do Ensino / Unity of Science and the Disciplinar Configuration of Knowledge. Contributions to a Philosophy of Education (PhD thesis in History and Philosophy of Education at the University of Lisbon)

### Books (author)

1. Leibniz and the problem of a universal language, Münster: Nodus Publikationen, 1987, 321 pp.
2. A interdisciplinaridade: reflexão e experiência I (Interdisciplinarity: reflection and experience I), with Teresa Levy and Henrique Guimarães, Lisbon: ed. Texto, 1<sup>a</sup> ed 1993, 96 pp.
3. A interdisciplinaridade: reflexão e experiência II (Interdisciplinarity: reflection and experience II), with Teresa Levy and Henrique Guimarães, Lisbon: ed. Texto, 2<sup>a</sup> ed revised, 1994, 102 p.
4. Leibniz e o problema de uma língua universal (portuguese translation of “Leibniz and the problem of a universal language”), Lisbon: ed. Junta Nacional de Investigação Científica e Tecnológica, 1997, 320 p.
5. Quatro textos excêntricos. Hannah Arendt, Eric Weil, Bertrand Russell e Ortega Y Gasset, selecção, tradução e prefácio (Four Eccentric Texts. Hannah Arendt, Eric Weil, Bertrand Russell and Ortega Y Gasset, selection, translation and preface), Lisbon: Relógio d'Água, 2000, 105 pp.

6. A Escola, a Recta e o Círculo (The school, the straight line and the circle), Lisbon: Relógio d'Água, 2002, 316 pp.
7. Interdisciplinaridade: ambições e limites (Interdisciplinarity: ambitions and limits), Lisbon: Relógio d'Água, 2004, 203 pp.
8. Unidade da Ciência. Programas, Figuras e Metáforas, (Unity of Science. Programs, Figures and Metaphors), Lisbon: Duarte Reis, 2006, 324 pp.
9. Palavra e Esplendor do Mundo. Estudos sobre Leibniz (Word and the World Splendor. Studies on Leibniz), Lisbon: Fim de Seculo, 2010, 300 pp.
10. Unidade da Ciência. Programa, Figuras e Metáforas, (Unity of Science. Programs, Figures and Metaphors), Lisbon: CFCUL/Gradiva, 2011, 343 pp. (2nd edition)
11. Os Círculos do Saber (The Circles of Knowledge), Lisbon: CFCUL/Gradiva, 2012, 314 pp.
12. Tarefas da Filosofia da Ciência para o século XXI, (Tasks of the Philosophy of Science for the XXI century), Lisbon, CFCUL, 2013, 217pp.

### **Edited books (English)**

1. Olga Pombo; Alexander Gerner (eds), Abduction and the Process of Scientific Discovery, Lisbon: CFCUL / Publidisa (2007), 386 pp. (for the series Documenta) ISBN: 264501/07
2. Olga Pombo; Alexander Gerner (Eds.), Studies in Diagrammatology and Diagram Praxis, London: College Publications (2010), 224 pp.
3. Olga Pombo; Shahid Rahman; John Symons; Juan Manuel Torres (Eds.), Unity of Science: New Approaches - Otto Neurath and the Unity of Science, Dordrecht/Heidelberg/London/New York: Springer, 2010, 250 pp.

4. Olga Pombo; Silvia di Marco e Marco Pina (eds), *Neuroaesthetics, Can Science explain Art?* Lisbon: Fim de Século, 2010, 175 pp.
5. Olga Pombo; Shahid Rahman; John Symons; Juan Manuel Torres (Eds.), *Special Sciences and the Unity of Science*, Dordrecht/Heidelberg/London/New York: Springer, 2012, 299 pp
6. Juan Redmond, Olga Pombo Martins y Ángel Nepomuceno (eds), *Epistemology, Knowledge and the Impact of Interaction*, Springer, vol. 38, Series Logic, Epistemology, and the Unity of Science, coordinated by Shahid Rahman, 2016.
7. Olga Pombo, Gil Costa (eds), *Philosophy of Science in the XXI Century: Challenges and Tasks*, Lisbon: CFCUL, 2016,
8. Olga Pombo, *Image in Science and Art*, Lisboa: Fim de Século (forthcoming)

#### **Edited books (Portuguese)**

1. Olga Pombo; Teresa Levy; Henrique Guimarães, *Antologia I. Ciência Integrada, Interdisciplinaridade e Ensino Integrado das Ciências*, (Anthology I. Integrated Science, Interdisciplinarity and Integrated Education in Science), Lisbon: Mathesis / DEFCUL, 1990, 177 pp.  
<http://www.educ.fc.ul.pt/docentes/opombo/mathesis/index.htm#antologia1>
2. Olga Pombo; Teresa Levy; Henrique Guimarães; José Manuel Conceição, *Antologia II. Ciência Integrada, Interdisciplinaridade e Ensino Integrado das Ciências*, (Anthology II. Integrated Science, Interdisciplinarity and Integrated Education in Science), Lisbon: Mathesis / DEFCUL, 1992, 214 pp.  
<http://www.educ.fc.ul.pt/docentes/opombo/mathesis/index.htm#antologia2>

3. Olga Pombo; Henrique Guimarães; Teresa Levy, Interdisciplinaridade. Antologia (Interdisciplinarity. Anthology), Porto: Campo das Letras, Col. Campo das Ciências 16, (2006), 303 pags.
4. Olga Pombo; António Guerreiro; António Franco Alexandre Enciclopédia e Hipertexto (Encyclopaedia and Hypertext), Lisbon: Editora Duarte Reis (2006), 556 pags.
5. Olga Pombo; Manuel Beirão; João Luís Cordovil, As Cartas de Problemática de António Sérgio (António Sérgio's Letters of the Problematic), 3º Caderno de Filosofia das Ciências, Lisbon: Centro de Filosofia das Ciências da University of Lisbon, (2006), 217 pp.
6. Olga Pombo; Angel Nepomuceno (Edrs), Lógica e Filosofia da Ciência (Logic and Philosophy of Science), Lisbon: CFCUL / CRUP (2009) 283 pp. (colecção Documenta nº 2)
7. Olga Pombo; Silvia di Marco (Edrs), As Imagens com que Ciência se Faz (The Images Science is Made Of), Lisbon: Fim de Século, 2010, 286 pp.
8. Olga Pombo, Catarina Nabais, Cristina Tavares, Manuel Valente Alves, Marco Pina, Pedro Silva, Ricardo Reis dos Santos e Silvia Di Marco (Coord.), CorpoIMAGEM - Representações do Corpo na Ciência e na Arte (bodyIMAGE - Representations of the Body in Science and Art), Lisbon: Ciência Viva, 2011, 27 pp.
9. Olga Pombo (Ed.), Lógica Universal e Unidade da Ciência (Universal Logic and Unity of Science), Lisbon: CFCUL, 2011, 196 pp.
10. Olga Pombo; Marco Pina (eds), Em torno de Darwin (On Darwin), Lisbon: Fim de Século, 2012, 187 pp.
11. Olga Pombo; J. Luis Cordovil (edrs), As Cartas de Problemática de António Sérgio dirigidas a um grupo de jovens amigos, alunos e alunas da Faculdade de Ciências (António Sérgio's Letters of the Problematic directed at a group of young friends, alumni and students of the Faculty of Sciences), Lisbon: Fim de Seculo, 2012, 228pp.



12. Olga Pombo; Antonio Guerreiro (eds), Da civilização da palavra à civilização da imagem (From word civilization to image civilization), Lisbon: Fim de Século, 2012, 186 pp.
13. Olga Pombo; Nuno Melim (edrs), Rousseau e as Ciências (Rousseau and the Sciences), Lisbon, CFCUL, 2013, 222 pp.
14. Olga Pombo; Nuno Nabais (Eds), O Lugar da Filosofia da Ciência na Universidade de Lisboa (The place of Philosophy of Science in the University of Lisbon), Lisbon: CFCUL, 2013, 250 pp.
15. Olga Pombo; Ricardo Santos (Eds), Afinal, o que é a Ciência? Relatório de um projecto (What is Science after all? A project's report), Lisbon: CFCUL/Ciencia Viva, 2016, 122 pp.
16. Olga Pombo (Ed), Lugares e Modelos (Places and Models), Lisbon: Fim de Século (forthcoming)
17. Olga Pombo (Ed), Representações do corpo na ciência e na Arte (Representations of the Body in Science and Art), Lisbon: Fim de Século (forthcoming)
18. Olga Pombo (Ed), O Protagoras de Platao (Plato's Protagoras), (forthcoming)

### **Book series**

Director of the Book Series "A Imagem na Ciência e na Arte" ("The Image in Science and Art.") Lisbon: Fim de Seculo (9 volumes published, 3 in print).

Director of the Book Series "Cadernos de Filosofia da Ciência" ("Booknotes on Philosophy of Science") Lisbon: CFCUL (13 published volumes).

Director of the Book Series "Documenta", Lisbon: CFCUL (7 published volumes, 2 in print).

Director of the Book Series "Thesis", Lisbon: CFCUL (6 published volumes).

Co-director (with Nathalie Gonthier) of the Springer Book Series “Interdisciplinary Evolution Research” (4 published volumes):

1. “The Evolution of Social Communication in Primates” (2014);
2. “Macroevolution” (2015);
3. “Reticulate Evolution” (2015);
4. “Cultural Phylogenetics. Concepts and Applications in Archaeology”).

### **Chapters in international books**

1. Pombo, Olga, “The leibnizian theory of representativity of the sign”, in Niederehe, Hans-Joseph and Koerner, Konrad (eds), *History and Historiography of Linguistics*, vol. II, Amsterdam / Philadelphia: John Benjamins Publishing Company, 1990, pp. 447- 459 (for the series *Studies in the History of the language sciences*, n° 51).
2. Pombo, Olga, “The place of the *Dissertatio De Stylo Philosophico Nizolii* in the leibnizian praise of the German language”, in Mirko Tavoni (org.), *Italia ed Europa nella Linguistica del Rinascimento*, Ferrara: Franco Cosimo Panini Editore/ Istituto di Studi Rinascimentali, 1996, vol. II, pp. 57-67.
3. Pombo, Olga, “Leibnizian strategies for the semantical foundation of the universal language”, in Klaus D. Dutz e Stefano Gensini (eds.), *Im Spiegel des Verstandes. Studien zu Leibniz*, Münster: Nodus Publikationen, 1996, pp. 161-171.
4. Pombo, Olga, “Leibniz and the encyclopaedic project” (reprint), in Olga Pombo; António Guerreiro; António Franco Alexandre (edrs), *Enciclopédia e Hipertexto*, Lisbon: Editora Duarte Reis (2006), pp. 252-265.

5. Pombo, Olga, "Operativity and Representativity of the Sign in Leibniz", in Olga Pombo; Alexander Gerner (Eds.)(2010), *Studies in Diagrammatology and Diagram Praxis*, London: College Publications, pp. 1-11.
6. Pombo, Olga, "Preface" with Alexander Gerner, in Olga Pombo, Alexander Gerner (Eds.) (2010), *Studies in Diagrammatology and Diagram Praxis*, London: College Publications, pp. I-V.
7. Pombo, Olga, "Neurath and the Encyclopaedic Project of Unity of Science", in Olga Pombo; John Symons; Juan Manuel Torres; (Eds.) (2010), *Unity of Science: New Approaches - Otto Neurath and the Unity of Science*, Dordrecht/Heidelberg/London/New York: Springer, pp. 57-68
8. Pombo, Olga, "Neurath and the Unity of Science: an Introduction", in Olga Pombo; John Symons; Juan Manuel Torres; (Eds.) (2010), *Unity of Science: New Approaches - Otto Neurath and the Unity of Science*, Dordrecht/Heidelberg/London/New York: Springer, pp. 1-11
9. Pombo, Olga, "The Great Discovery of Hobbes' Philosophy of Language" in David Fernández Duque, Emilio F. Gómez Caminero, Ignacio Hernández Antón (eds)(2010), *Estudios de Lógica, Lenguaje y Epistemología*, Sevilla Fénix Editora, pp. 99-105
10. Pombo, Olga, "Introduction", with Silvia di Marco and Marco Pina, in Olga Pombo, Silvia di Marco; Marco Pina, *Neuroaesthetics. Can Science explain art?*, Lisbon: Fim de Século, 2010, pp. 9-20
11. Pombo, Olga, "Para um Modelo Reflexivo de Formação de Professores" (Towards a Reflexive Model in Teacher Training), in Carlos A. dos Santos e Aline F. de Quadros (Orgs.) (2011), *Utopia em Busca de Possibilidade - abordagens interdisciplinares no ensino das ciências da Natureza*. UNILA: Foz do Iguaçu, pp. 13-26.

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5. Pombo, Olga, “Imigrantes, Estrangeiros e Cidadãos. A partir de H. Arendt e B. Russell” (Immigrants, Aliens and Citizens. On H. Arendt and B. Russell), *Actas da Conferencia Ibérica Educação para a Cidadania, Faculty of Sciences of the University of Lisbon: CIE, 2008* (cdrom)
6. Pombo, Olga, “Unidade da Ciência. O Regresso de uma Ideia” (Unity of Science. The Return of an Idea), in *A Unicidade do Conhecimento*, (coordenação: Vítor Manuel Trindade, Maria de N. Trindade e Adelinda A. Candeias), 2008, pp. 49-65.
7. Pombo, Olga, “A Educação das crianças dos 0 aos 12 anos. Implicações do Estudo” (Education of children from 0 to 12 years old. Implications for Study), in *Conselho Nacional de Educação, I. Alarcão e M. Miguéns (eds.), A Educação das crianças dos 0 aos 12 anos (Relatorio do estudo, Actas do seminário realizado a 20 de maio de 2008 e Parecer)*, Lisbon: Editorial do ministério da Educação, pp. 363-378.
8. Pombo, Olga, “Todos os Homens por Natureza Desejam Conhecer” (All Men by nature want to know). Prefácio, in *António Barros Veloso (2008), Medicina e outras Coisas*, Lisbon, Gradiva, pp. 7-11
9. Pombo, Olga, “Palavras de Abertura” (Opening Remarks), in *A.F. Cascais, J.L. Câmara Leme e N. Nabais (edrs), (2009), Lei, Segurança e Disciplina, Trinta anos depois de Vigiar e Punir de Michel Foucault*, pp. 11-13.

### **Editor of scholar brochures**

1. Pombo, Olga; Teresa Levy; Henrique Guimarães (eds), Boletim Bibliográfico I. Ciência integrada, interdisciplinaridade e ensino integrado das ciências (Bibliographic Bulletin I. Integrated Science, interdisciplinarity and integrated teaching of sciences), Lisbon: Mathesis / DEFCUL, 1990, 30 pp.
2. Pombo, Olga; Teresa Levy; Henrique Guimarães, José Manuel Conceição, (eds), Boletim Bibliográfico II. Ciência integrada, interdisciplinaridade e ensino integrado das ciências (Bibliographic Bulletin II. Integrated Science, interdisciplinarity and integrated teaching of sciences), Lisbon: Mathesis / DEFCUL, 1991, 30 pp.  
<http://www.educ.fc.ul.pt/docentes/opombo/mathesis/index.htm#boletim2>
3. Pombo, Olga, McLuhan. A Escola e os Media (McLuhan. The school and the media) (organization and edition of an anthology of texts by M. McLuhan. Selected, translated and prefaced), 1st Notebook on History and Philosophy of Education, Lisbon: ed. Department of Education, Faculty of Sciences of the University of Lisbon, 1994, 73 p.
4. Pombo, Olga, Dois textos sobre Educação. Hannah Arendt e Eric Weil (Two texts on education: Hannah Arendt and Eric Weil) (organization and edition of an anthology of texts by Hannah Arendt and Eric Weil, selected, translated and prefaced), 2nd Notebook on History and Philosophy of Education, Lisbon: ed. Department of Education, Faculty of Sciences of the University of Lisbon, 1995, 48 p.  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/cadernos/index.htm#caderno2>
5. Pombo, Olga, A Invenção da Escola na Grécia. Materiais de estudo (The invention of school in Greece. Study materials) (organization and edition of a collection of studies on the history of Athens' educational institutions, selected, translated and prefaced), 3rd Notebook on History and Philosophy of Education, Lisbon: ed. Department of Education, Faculty of Science of the University of Lisbon, 1996, 81 p.  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/cadernos/index.htm#caderno3>

6. Pombo, Olga, Museu de Alexandria (Museum of Alexandria (organization and edition of a monograph on the Museum of Alexandria), 4th Notebook on History and Philosophy of Education, Lisbon: ed. Department of Education, Faculty of Science of the University of Lisbon, 1997, 87 p.  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/cadernos/index.htm#caderno4>
7. Pombo, Olga, Utopia e Educação (Utopia and education (organization and edition of a collection of short texts, translated and accompanied by brief comments, of selections of utopian thinking on educational issues works), 5th Notebook on History and Philosophy of Education, Lisbon: ed. Department of Education, Faculty of Science of the University of Lisbon, 1997, 160 p.  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/cadernos/index.htm#caderno5>
8. Pombo, Olga, Educar / Ensinar. Materiais de estudo (Educating/teaching. Study materials (organization and edition of an anthology of texts by Olivier Reboul, Jacques Ulmann, John Passmore and Paul Hirst and their translation), 6th Notebook on History and Philosophy of Education, Lisbon: ed. Department of Education, Faculty of Science of the University of Lisbon, 2001, 84 p.  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/cadernos/index.htm#caderno6>
9. Pombo, Olga, Três Textos sobre Educação para um Mundo Difícil: Bertrand Russell e Ortega Y Gasset (Three texts on education for a difficult world. Bertrand Russell and Ortega Y Gasset) (introduction to an anthology of texts by Bertrand Russell and Ortega Y Gasset and reviewing of the translation), 7th Notebook on History and Philosophy of Education, Lisbon: ed. Department of Education, Faculty of Science of the University of Lisbon, 2005, 40 p.  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/cadernos/index.htm#caderno7>

## **CDroms**

Pombo, Olga, Enciclopédia e Hipertexto – hypertext published in the context of the research project Enciclopédia e Hipertexto (technical support - Ricardo Saraiva).

Pombo, Olga, “Protágoras” by Platão – hypertext on Plato’s Protagoras full text, translated by A. Pinheiro, revised and commented by O. Pombo

## **Sites and Webpages**

1. Momentos da Ideia de Escola / Moments of the idea of School (work in progress)  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/momentos/index.htm>
2. Autores / Authors (work in progresso)  
<http://educ.fc.ul.pt/docentes/opombo/hfe/autores.htm>
3. Crianças Selvagens / Seavage children (2004)  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/cselvagens/index.htm>
4. Grandes Matemáticos / Great Mathematians (work in progress)  
<http://www.educ.fc.ul.pt/docentes/opombo/seminario/matematicos.htm>
5. Articulações da Matemática / Articulations of Mathematics (work in progress)  
<http://www.educ.fc.ul.pt/docentes/opombo/seminario/articulacoes.htm>
6. Representações da Leitura / Representations of Reading (work in progress)  
<http://www.educ.fc.ul.pt/docentes/opombo/album/index.htm>
7. Lugares da Filosofia / Places of Philosophy (2005) (power point)  
<http://www.educ.fc.ul.pt/docentes/opombo/publicacoes/opombo/oslugaresdafilosofia.ppt>

8. Lugares da escola / Places of the School (2003)  
<http://www.educ.fc.ul.pt/docentes/opombo/hfe/lugares/index.html>
9. Apontamentos sobre Utopia / Notes on Utopia (2005 - hypertext)  
<http://www.educ.fc.ul.pt/docentes/opombo/apontamentos/utopia%20geral.htm>
10. Convite à Leitura de Rousseau / Invitation for reading Rousseau (1995)  
<http://www.educ.fc.ul.pt/docentes/opombo/investigacao/utopias.htm>
11. Biobibliografia de Jean-Jacques Rousseau (1979)  
<http://www.educ.fc.ul.pt/docentes/opombo/investigacao/biobibliografia.pdf>
12. Para uma história da ideia de enciclopédia. Alguns exemplos / For an history of the Idea of Encyclopedia. Some examples (hypertext 2002)  
<http://www.educ.fc.ul.pt/hyper/enciclopedia/cap2p1/antclass>
13. Enciclopédias filosóficas / Philosophical encyclopedias (hypertext 2003)  
<http://www.educ.fc.ul.pt/hyper/enciclopedia/cap3p1/especificidade.htm>

## **Videos**

1. Of course, Physics is culture! - XIV Encontro Ibérico para o Ensino da Física - Escola de Educação em Física 2004, Sociedade Portuguesa de Física, Oporto Superior Engineering Institute, 9th Setember 2004.  
 <<http://nautilus.fis.uc.pt/bl/conteudos/42/pags/videosdivulgcientifica/filosofiafisica/index2.html>>
2. "The alive thinking of Information", youtube video of the interview with Robson Ashtoffen in the series coordenated by Prof. Marcos Mucheroni, ECA-USP, São Paulo, Brazil. The interview is divided in 4 parts:

- 1<sup>st</sup> On the definition of Information and the complexity of the object of Human Sciences  
<https://www.youtube.com/watch?v=hpncNUeEVYE>
- 2<sup>nd</sup> Specialization and interdisciplinarity  
<https://www.youtube.com/watch?v=ExyaET0GuVg>
- 3<sup>rd</sup> Science Sociology. Science and Society  
<https://www.youtube.com/watch?v=Ua2vMtdgW8>
- 4<sup>th</sup> The Encyclopaedic Thinking and Internet  
<https://www.youtube.com/watch?v=bLyV4bwh8sM>
3. Science and Belief. A delicate relationship, Cycle of conferences “Darwin and the Darwinian revolution”, New Lisbon University, April 2009  
 <[http://eventos.fct.unl.pt/darwin2009/conferPodCast\\_41\\_2.html](http://eventos.fct.unl.pt/darwin2009/conferPodCast_41_2.html)>
4. Illustration between Science and Art, International workshop “Darwin and the Scientific Illustration”, realized in the contexto of the research project “Image in Science and Art” in collaboration with Ciência Viva, Lisbon, Knowledge Pavilion, 21-22 April 2009  
 <[http://www.cvtv.pt/imagens/index.asp?id\\_video=293](http://www.cvtv.pt/imagens/index.asp?id_video=293)>
5. Mais passado para o futuro; mais futuro para o passado (“More past for the future; more future for the past”), talk by invitation at the serie of talks "Escutar a cidade" put forward by Diocese de Lisbon, Forum Lisbon, 5 March 2015  
 <[https://www.youtube.com/watch?v=xBcLBrB\\_4XQ](https://www.youtube.com/watch?v=xBcLBrB_4XQ)>

## Talks

### International conferences

1. The Leibnizian theory of the representativity of the sign, “IV Internationale Konferenz zur Geschichte der Sprachwissenschaften”, Trier, Germany, 26 August 1987
2. La théorie leibnizienne de la pensée aveugle en tant que perspective sur quelques des apories linguistiques de la modernité, invited speaker at the “International Colloquium Reading of Modernity”, Franco-Portuguese Institut, Lisbon, 27 May 1987
3. Epistémologie et formation des enseignants, « XII Conférence de L'Association pour la Formation des Enseignants en Europe », Berlin University, Germany, 8 September 1987
4. Leibnizian strategies for the semantical foundation of the universal language, “V Internationaler Leibniz Kongress“, Hannover, Germany, 16 November 1988
5. Cultural History and disciplinary specialization, invited speaker to the “Fourth International Conference - Explorations in Cultural History“, Aberdeen University, UK, 27- 30 June 1989
6. Comparative lines between Leibniz's theory of language and Spinoza's reflexion on language themes, invited speaker to the “Symposium Leibniz und Spinoza: Konfrontation zweier Philosophien am Beginn der Neuzeit“, Hannover, Germany, 3 -8 September 1989
7. Hobbes's influence on the Leibnizian project of a universal language, “V International Conference on the History of Linguistics”, Galway, Ireland, 1-6 September 1990
8. Wilkins and Leibniz on knowledge organization, invited speaker to the international conference “John Wilkins: Language, Religion and Science”, St. Peters College, Oxford, UK, 8-11 September 1990

9. The place of the 'Dissertatio de Stylo Philosophico Nizolii' in the leibnizian praise of the German Language, "International Conference Italy and Europe in Renaissance Linguistics", Istituto di Studi Rinascimentali, Ferrara, Italy, 20-24 March 1991
10. Leibniz's Preface to Nizolius and the polemics on philosophical style, invited speaker to the "Institute for Advanced Studies da Hebrew University of Jerusalem", Israel, 6 April 1995
11. A unidade da filosofia da linguagem de Leibniz (The unity of Leibniz's language philosophy), plenary invited speaker to the Colloquium "Descartes, Leibniz e a Modernidade", Faculty of Arts University of Lisbon, 28 November 1996
12. La théorie leibnizienne de la pensée aveugle en tant que perspective sur quelques-unes des apories linguistiques de la modernité, plenary invited speaker to the Colloquium « Epistémologie Historique de la Linguistique » put forward by the Société Suisse de Linguistique, Institut Universitaire Kurt Bosch, Sion, Switzerland, 1- 5 September 1997
13. The program of Unified Science by Neurath and Leibniz, invited speaker to the "Institut für Philosophie", Vienna University, Austria, 20 September 1999
14. Knowledge as encyclopaedia. Unity and transversality, plenary invited speaker to the Institut Wiener Kreis and Vienna University Conference "Concepts of Knowledge and Economic Thought by and on Otto Neurath and Joseph Popper-Lynkeus", Zentrum für Überfakultäre Forschung, Vienna University, Austria, 3-5 May 2000
15. Hobbes's thesis of the arbitrariness of the sign, Annual Meeting of the "Henry Sweet Society for the History of Linguistic Ideas", Edimburgh University, UK, 20-23 September 2000
16. Leibniz and the encyclopaedic project, plenary invited speaker to the conference "Ciencia, Tecnologia y Bien Común: La Actualidad de Leibniz", València Politechnical University, Spain, 21-23 Mar 2001.



17. L'Introuvable Philosophie des Sciences, plenary talk by invitation at the « Séminaire Philosophique Franco-Portugais », Instituto Franco-Português, Lisbon, 26 November 2001.
18. Interdisciplinaridade e Integração dos Saberes (Interdisciplinarity and the integration of knowledge), plenary talk by invitation to the “Congresso Luso Brasileiro sobre Epistemologia e Interdisciplinaridade na Pós-Graduação”, Catholic University of Rio Grande do Sul, Porto Alegre, Brazil, 21 June 2004
19. Interdisciplinaridade e progresso das ciências (Interdisciplinarity and the progress of sciences), plenary talk by invitation to the “Congresso Luso Brasileiro sobre Epistemologia e Interdisciplinaridade na Pós-Graduação”, Caxias do Sul University, Brazil, 23 June 2004
20. L'évolution de la notion d'encyclopédie: 116 avant J.C (Varro) - XXIème siècle, invited speaker to the « Maison de Sciences Humaines du Nord-Pas de Calais, Université de Lille 3, France, 17 November 2004.
21. Unity of Science. Programs, Configurations and Metaphors, plenary invited speaker to the “Zentrum für Literaturforschung”, Berlin, 26 January 2005.
22. One of the most celebrated texts from Leibniz: "Meditationes de Cognitione, Veritate et Ideis", invited speaker to the “Zentrum für Literaturforschung”, Berlin, 31 January 2005.
23. Unity of Science. From the Idea to the Configurations, plenary talk presented at the “First Lisbon Colloquium for the Philosophy of Science - Unity of Science. Non-Traditional Approaches”, put forward by the Centro de Filosofia das Ciências da University of Lisbon, Lisbon, 25-28 Oct 2006.
24. Leibnizian Roots of Neurath's Encyclopaedism and the Contemporary Significance of Neurath's Conception of Unity of Science, “Deuxième Congrès de la Société de Philosophie des Sciences. La Question de l'Unité des Sciences Aujourd'hui”, Genève, 29-31 March 2007

25. Science and technoscience. Is there a place for philosophy of science?, invited speaker to the workshop “Technoscience: Epistemological and Sociological Approaches”, ICS Social Sciences Institute of the University of Lisbon, Lisbon, 21 May 2007.
26. La Unidad de las Ciencias (Unity of Sciences), invited speaker of the Grupo de Lógica, Lenguaje e Información to the “Iberic Journeys I – Contemporary Philosophy”, Seville University, Seville, Spain, 19 March 2007
27. Leibniz. Linguagem e Conhecimento (Leibniz. Language and Knowledge), invited speaker to the “I Luso-Braslian Leibniz Colloquium”, promoted by PUC-Rio de Janeiro (Programa de Pós-Graduação em Filosofia), UERJ (Programa de Pós-Graduação em Filosofia e Centro de Estudos de Filosofia Moderna) and CFCUL (Centre for Philosophy of Science of the University of Lisbon), Rio de Janeiro, Brazil, 21-23 November 2007
28. Neurath e as metáforas da Unidade da Ciência (Neurath and the metaphors of the Unity of Science), invited talk at the “Iberic Journeys III – Logics and Philosophy of Science”, Faculty of Sciences of the University of Lisbon, Lisbon, 27-29 February 2008
29. Dispersão e Unidade. Para uma Poética da Simpatia (Dispersion and Unity. Towards a Poetics of Sympathy), invited speaker to the conference “IX Encontro Nacional de Pesquisa em Ciência da Informação (ENANCIB)”, promoted by the Associação Nacional de Pesquisa e Pós-Graduação em Ciência da Informação (ANCIB), Communication and Arts School of the São Paulo University, São Paulo, Brazil, 28 September-1 October 2008.
30. Interdisciplinaridade: imagens, pensamentos e saberes sensíveis (Interdisciplinarity: sensible images, thoughts and knowledges), invited speaker at the “I Journey of and on Interdisciplinarity”, promoted by the Grupo de Pesquisa em Educação Continuada e Laboratório de Artes Cênicas (Pitágoras 500), Programa de Pós-Graduação e Artes and Unifesp, Brazil, 2 October 2008.

31. Os Desafios da Interdisciplinaridade (The Challenges of Interdisciplinarity), invited speaker at the “Journey of and on Interdisciplinarity”, promoted by the Grupo de Pesquisa em Educação Continuada e Laboratório de Artes Cênicas (Pitágoras 500), Programa de Pós-Graduação e Artes e Unifesp, Brazil, 2 October 2008.
32. A major contribution from Hobbes’ Philosophy of Language, “IV Iberic Journeys of Philosophy of Science, Logics and Language”, 26/27 February 2008, Faculty of Philosophy, Seville University.
33. Operativity and Representativity of the Sign in Leibniz, International Workshop on Diagramatic Thought, promoted by the FCT Project “Image in Science and Art”, Faculty of Science, Lisbon, 24 March 2009.
34. Interdisciplinary Changes for the Study of Emergent Phenomena, invited speaker to the “Arrábida Meetings”, promoted by the “Complexity Sciences Institute” (ICC), Mosteiro da Arrábida, Portugal, 7-9 July 2009
35. Image in Science and Art, invited speaker to the Workshop “Imag(in)ing the Nanoscale”, Maison des Sciences de l’Homme, Paris, 5-6 October 2009
36. Reason and Computing, from Lull to Leibniz, closing lecture at the “V Iberic Journey”, put forward by the Project Universal Logics and Unity of Science, Faculty of Sciences of the University of Lisbon, Lisbon, 25-26 February 2010
37. Science and Art. Variations upon a Common Ground, invited closing conference at the international colloquium “Nomadic 09-10”, Rektorship of the Oporto University, Oporto, 25 March 2010
38. Three Roots for Leibniz's Contribution to the Computational Conception of Reason", invited speaker to the “6th Conference on Computability in Europe”, CiE 2010, Ponta Delgada, Azores, Portugal, 2 July 2010

39. Models and Representations of Knowledge Organization, invited speaker to the “European Conference on Complex Systems - ECCS'10 LISBON”, ISCTE-Lisbon University Institute, 13 September 2010.
40. Epistemological Features of Nano Images, “S.NET 2010 - Second Annual Conference of the Society for the Study of Nanoscience and Emerging Technologies”, Technische Universität Darmstadt, Germany, 1 October 2010
41. Unity of Science and Encyclopaedia: Idea and Configurations, Philosophical Dialogue, invited speaker to the “International Conference in Honor of Marcelo Dascal's Forty Years of Academic Scholarship”. Tel Aviv University, Gilman Building, Drachlis Hall, section six: Philosophy and Beyond, 11 November 2010.
42. Interdisciplinaridade: conceito, problemas e perspectivas (Interdisciplinarity: concept, problems and perspectives), opening invited lecture to the “Seminário Latino-Americano sobre Interdisciplinaridade no Ensino de Ciências da Natureza”, Foz do Iguaçu, Paraná, Brasil, 08 - 11 December 2010
43. Several concepts of intuition in Poincaré's philosophy of mathematics, Symposium “Poincaré, Philosopher of science: a historical and philosophical approach, 14th Congress of Logic, Methodology and Philosophy of Science”, Nancy, França, 25 July 2011
44. What about Neurath's program of Unity of Science today?, invited speaker to the colloquium "The Vienna Papers of Delfim Santos and the Philosophy of Science in Portugal / 75 anos de 'A situação valorativa do positivismo' de Delfim Santos", Faculty of Sciences of the University of Lisbon, Lisbon, 4 -5 November 2011
45. Leibniz: Intuition and Symbolism. “VI Iberic journeys / Logics, Language, Mind and Science”, Faculty of Philosophy, Complutense University of Madrid, 17-18 Novembro 2011

46. Les Langues et les Cultures Textuelles de l'Europe, invited speaker to the colloquium "À quoi l'Europe sert-elle encore? Un débat entre l'Allemagne, la France et le Portugal", Calouste Gulbenkian Foundation in France, Paris, 2-3 Dec 2011
47. Iconic turn and its impact in Philosophy of Science, invited speaker to the colloquium "Nuevos paradigmas en el discurso científico", put forward by the Grupo de Lógica, Lenguaje e Información of the Seville University, 15-16 December 2011.
48. Bachelard et la Cité Savante, invited speaker to the colloquium "Bachelard 2012. Le surrationalisme 50 ans après. Journées de Synthèse", Ecole Normale Supérieure, Paris, 21-23 May 2012.
49. Concepções de Intuição na Filosofia da Matemática de Poincaré (Conceptions of Intuition in Poincaré's Philosophy of Mathematics), invited speaker to the Federal University of Goiás, Brazil, 8 October 2012.
50. Filosofia, educação e interdisciplinaridade (Philosophy, Education and Interdisciplinarity), invited speaker to the Federal University of Goiás, Brazil, 9 October 2012.
51. Interdisciplinaridade: Desafios e Inovações (Interdisciplinarity: Challenges and Innovations), opening conference at the "4º Simpósio Internacional de Linguagens Educativas, Interdisciplinaridade: desafios e Inovações", University Sagrado Coração - Bauru/SP, Brazil, 16 October 2012.
52. Rousseau, la Science et la Paix avec le Monde, « International Colloquium Rousseau and the Sciences », Palace Belmonte, Lisbon, 16 November 2012.
53. Sciences des formes et formes des sciences, invited speaker to the international colloquium "Les Sciences des Formes", organized by Caroline Challan Beval and Thomas Golsenne, École Supérieure d'Arts Villa Arson, Nice, France, 2013.

54. Radeau de Pierre, invited speaker to the third meeting « After the discoveries, what redesccovery of Europa? », international rechearch program "Transmed! Mediteranean thinking and European conscienceness", organized by the Franco-German office for the jungess (Berlim/Paris) with the Collège International de Philosophie (Paris), Faculty of Science of the University of Lisbon, 16th May 2013.
55. Epistemology of interdisciplinarity, conference by invitation of the Universita di Salento, Dipartimento di Ingegneria dell'Innovazione e Dipartimeno di Studi Umanistici, Lecce, Italy, 7 May 2014
56. Relaciones de la Filosofia con la Enseñanza de la Filosofia. Dilemas y Paradojas, conference by invitation to the « International Conference on Teaching Innovation in Philosophy, II Jornadas de Innovación Docente en la Enseñanza de la Filosofia », Faculty of Philosophy of the Complutense University of Madrid, 7 November 2014,
57. Unity of science and interdisciplinarity, “1st Workshop of the Thematic line Unity of Science and Interdisciplinarity: How to think Interdisciplinarity”, Faculty of Sciences of the University of Lisbon, 13 March 2015
58. Une espèce de femme cachée sous des habits d’un homme..., invited talk at the international workshop “Gender History: from Modernity to Contemporarity. Interdisciplinary Constructions”, put forward by the Institute of Contemporary History (CEHFC) of Évora University, Évora, 4 March 2016
59. Leibnizian grounds for the idea of universal machine, invited talk to the “Amílcar Sernadas surprise Conference”, IST, Anfiteatro do Complexo Interdisciplinar, 23th April 2016
60. Scientific images may also be transgressive. An epistemological approach, international conference “Taboo – Transgression - Transcendence in Art and Science”, Ionian University, Corfu, Greece, 20-21 May 2016

### **Portuguese conferences**

1. Deriva a partir de Rousseau (Drift from Rousseau), Portuguese Philosophy Society, Lisbon, 24 May 1979
2. Do texto no ensino da Filosofia (On the text in Philosophy Teaching), "Segundo Encontro Nacional de Professores de Filosofia", Fundação Calouste Gulbenkian, Lisbon, 15 February 1980
3. Análise crítica da pedagogia por objectivos (Critical analysis of pedagogy by objectives), Congresso de "Pedagogia por Objectivos" promoted by Piaget Institut, Recktorship of the University of Lisbon, 7 February 1983
4. Leitura e comentário: os contributos de Todorov e Ricoeur (A reading and commentary: the contributions of Todorov and Ricoeur), "Encontro Regional de Professores de Filosofia", Camões Secondary School, Lisbon, 9 March 1983
5. Pedagogia por e com objectivos (Pedagogy by and with objectives), invited speaker at Ferreira Dias Secondary School, Cacém, 27 April 1983
6. Rousseau no feminino (Rousseau in the feminine), invited speaker at the Azores University, Ponta Delgada, 16 May 1983
7. Ensino da filosofia: conceito e imagem (Teaching philosophy: concept and image) Lisbon Pedagogical Center, 1 June 1983
8. Teoria geral da planificação e pedagogia por objectivos (General theory of planning and pedagogy by objectives), Pedro Nunes Secondary School, 17 March 1984
9. Mudar a escola, mudar a educação (Changing the school, changing education), invited speaker to the colloquium "Mudar a Política, Mudar a Cultura, Mudar a Educação", D. Pedro V Secondary School, Lisbon, 6 June 1984

10. Problema e problematização na aula de Filosofia (Problem and problematization in the Philosophy class), "Encontro Regional de Professores de Filosofia", D. Pedro V Secondary School, Lisbon, 8 May 1984
11. Pedagogia por objectivos: uma análise crítica (Pedagogy by objectives: a critical analysis) invited talk at the Alfredo da Silva Secondary School, Barreiro, 17 October 1984
12. Formação de professores: perspectivas (Teachers training: perspectives), invited talk to the colloquium "Professores, Quem São, Para Quê, que Formação?", D. Pedro V Secondary School, Lisbon, 16 January 1985
13. As utopias de Rousseau (Rousseau's utopias), invited speaker at the Josefa de Óbidos Secondary School, Lisbon, 31 January 1985
14. Trabalho de texto no ensino da Filosofia (textual work in the the teaching of Philosophy), invited speaker at the Lumiar Secondary School, Lisbon, 10 April 1985
15. Objectivos e modalidades do ensino da Filosofia (Objectives and modalities of the teaching of Philosophy), Vila Franca de Xira Secondary School, 22 April 1986
16. Explicação e objectividade em contexto escolar (Explanation and objectivity in the school context), invited speaker at the colloquium "Objectivity in Sciences", Auditório da Casa da Cultura das Caldas da Rainha, 27 May 1986
17. Para uma fenomenologia do acto educativo (Towards a phenomenology of the educational act), invited speaker at colloquium "Institution and Philosophy", Eng. António de Almeida Foundation, Oporto, 8 November 1986
18. Meio é a mensagem: McLuhan e as novas tecnologias (Medium is the Message: McLuhan and the new technologies), "Computer week", Department of Education, Faculty of Sciences of the University of Lisbon, 12 January 1987
19. Leibniz e a língua alemã (Leibniz and the German language), "Encontro de Professores de Alemão", Faculty of Arts University of Lisbon, 14 February 1987



20. Investigação e ensino: articulações (Research and education: articulations), Seminar on "Research and Teaching", Department of Education, Faculty of Sciences of the University of Lisbon, 19 - 20 February 1987
21. Hannah Arendt ou o papel do filósofo face à crise da educação (Hannah Arendt or the role of the philosopher in the education crisis), invited speaker at the "First Meeting on Philosophy in Non/Philosophical Contexts", Aveiro Cifop, 7-8 March 1987
22. Wittgenstein ou a questão do para quê ensinar filosofia (Wittgenstein or the question of "what for" to teach philosophy), invited speaker at the Montijo Secondary School, "Journey on the Teaching of Philosophy", Câmara Municipal do Montijo, 19 March 1987
23. Problemas da formação de professores de filosofia (Some problems concerning the training of philosophy teachers), invited speaker at the Philosophy Teachers Association "Second Philosophy Meeting of Central Region", Paulo Quintela Theater, Faculty of Arts Coimbra, 30 April 1987
24. Leibniz e o problema de uma língua universal: apresentação de uma investigação (Leibniz and the problem of a universal language: presentation of a research), invited speaker at the cycle of the Portuguese Philosophy Society "Thesis", Lisbon, 3 June 1987
25. Situação curricular da Filosofia no Ensino Secundário (The curriculum of Philosophy in Secondary Education), invited speaker at the Colloquium "Who is afraid of Philosophy?", Câmara Municipal Setúbal, 15 January 1988
26. Notas sobre as instituições da Filosofia (Notes on the institutions of Philosophy), invited plenary speaker at the Colloquium "Philosophy face to technological Culture", put forward by the Associação dos Professores de Filosofia, Aula Magna of the Rectorship of the University of Lisbon, 22 January 1988

27. Bachelard: epistemólogo e pedagogo (Bachelard: epistemologist and educator), "Interdisciplinar Seminar on Bachelard", Faculty of Science of the University of Lisbon, 4 May 1988
28. Reforma e critérios de legitimação curricular (Reform and curricular legitimation criteria), Coloquium "Reforma do Sistema Educativo", Departamento of Education, Faculty of Sciences of the University of Lisbon, 24 June 1988
29. Epistemologia e Matemática: algumas observações (Epistemology and Mathematics: some remarks), invited speaker by Prof. Luís Saraiva, Faculty of Science of the University of Lisbon, 29 November 1988
30. Projecto epistemológico de Bachelard (Bachelard's epistemological Project), invited talk at the Faculty of Arts of the University of Lisbon, 12 January 1989
31. Linguagem e escola: os lugares da Filosofia (Language and school: the place of Philosophy), invited speaker at the Coloquium "Reason and Critique", put forward by the "Associação dos Professores de Filosofia", Recktorship of the University of Coimbra, 11 February 1989
32. Filosofia e texto, Filosofia e escola (Philosophy and text, Philosophy and school), invited speaker at the Maria Amália Vaz de Carvalho secondary school, Lisbon, 2 March 1989
33. Filosofia e método (Philosophy and method), invited plenary speaker at the Coloquium "Filosofia e História da Filosofia", put forward by the Faculty of Arts of the University of Lisbon, 12-13 April 1989
34. Epistemologia, linguagem (da Química) e ensino. Algumas observações interdisciplinares (Epistemology, Chemistry's language and education. Some interdisciplinar remarks), invited speaker at the colloquium "Ensino Superior da Química em Línguas Internacionais de Origem Latina. Química, Encruzilhada de Disciplinas", Calouste Gulbenkian Foundation, Lisbon, 8-10 November 1989

35. Eticidade / racionalidade na comunicação e ensino do conhecimento científico (Ethics/ rationality in the communication and teaching of scientific knowledge), invited speaker at the colloquium "Ética e Investigação Científica", put forward by the Association for the development of Science and Technolog, Picoas Forum, Lisbon, 9 -11 November 1989
36. A condição e as funções do professor (The status and functions of the teacher), invited speaker at the Lumiar Secondary School, Lisbon, 13 December 1989
37. Os problemas do ensino da Filosofia (Philosophy teaching problems) invited speaker at the Amora Secondary School, 16 January 1990
38. A metáfora da escola na epistemologia de Bachelard (The metaphor of school in the epistemology of Bachelard) invited speaker at the St. André Secondary School, Barreiro, 24 January 1990
39. Problemas gerais da interdisciplinaridade (General problems of interdisciplinarity) invited speaker at the D. Pedro V Secondary School, Lisbon, 3 December 1990
40. Um diálogo interdisciplinar (An interdisciplinary dialogue), invited speaker at the meeting "O Currículo no Ensino, o Programa na Formação Profissional", Lisbon, 18 December 1990
41. Perspectivas e dificuldades no trabalho interdisciplinar (Perspectives and difficulties in interdisciplinary work), "Primeiro Fórum de Experiências Interdisciplinares", put forward by Project Mathesis, Marquês de Pombal Secondary School, Lisbon, 3 Jan 1991
42. Epistemologia e ensino das Ciências (Epistemology and Science Teaching), invited plenary speaker at the "IV Encontro Regional de Lisboa e Zona Sul", Museum of Natural History, Faculty of Sciences of the University of Lisbon, 23-25 May 1991

43. Porquê a interdisciplinaridade? (Why interdisciplinarity?), Seminar "O que é a Interdisciplinaridade?", promoted by the "Project Mathesis", Department of Education Faculty of Sciences of the University of Lisbon, Lisbon, 12 June 1991
44. Integração e interdisciplinaridade: opções terminológicas e categorias de análise (Integration and interdisciplinarity: terminology options and categories of analysis), "Segundo Forum de Experiências Interdisciplinares", Marquês de Pombal secondary school, Lisbon, 3 July 1991
45. A Matemática e o trabalho de "dar a ver" (Mathematics and the work of "showing"), closing invited talk at the "Encontro Nacional de Professores de Matemática (ProfMat)", put forward by the Associação de Professores de Matemática, Alves Martins Secondary School, Viseu, 4-7 November 1992
46. Para um modelo reflexivo de formação de professores (Towards a reflexive model of teacher training), seminar "O Ensino Superior e a Formação de Professores em Portugal", Calouste Gulbenkian Foundation, 21-22 January 1993
47. Significado da interdisciplinaridade no contexto actual da construção e transmissão dos saberes (Meaning of interdisciplinarity in the current context of the construction and transmission of knowledge), Patrício Prazeres Secondary School, in a session organized by Editora Texto, 11 May 1993
48. Interdisciplinaridade: dificuldades e perspectivas (Interdisciplinarity: problems and perspectives), Rio de Mouro Secondary School, Cacém, in a session organized by Editora Texto, 25 May 1993
49. Problemas e perspectivas da interdisciplinaridade (Problems and perspectives of interdisciplinarity), symposium "Novas Perspectivas no Ensino das Ciências e da Matemática", Calouste Gulbenkian Foundation, 23-25 June 1993
50. Integração interdisciplinar. Categorias de análise (Integration across disciplines. Analysis categories), with Teresa Levy and Henrique Guimarães, Symposium "Novas Perspectivas no Ensino das Ciências e da Matemática", Calouste Gulbenkian Foundation, 23-25 June 1993

51. A interdisciplinaridade como exigência curricular (Interdisciplinarity as a curricular requirement) invited speaker at the "Primeira Conferência sobre Interdisciplinaridade no Ensino: Reflexões e Práticas sobre a Área Escola", Auditório Eng. Eurico de Melo, St. Tirso, 6 May 1994
52. A proximidade do ensino da Filosofia à própria essência do ensino (The proximity of the teaching of philosophy to the very essence of education), plenary invited talk at the colloquium «Ensino da Filosofia e Filosofia do Ensino», put forward by the Department of Philosophy, Faculty of Arts of the University of Lisbon, 24-25 November 1994
53. Interdisciplinaridade e área escola (Interdisciplinarity and “area-school”), invited talk at the Pedro Alexandrino Secondary School, Póvoa de St. Adrião, 8 February 1995
54. A ideia de arbitrariedade na filosofia da linguagem de Hobbes (The idea of arbitrariness in Hobbes’ philosophy of language) invited talk at the colloquium "Hobbes and the Leviatan", Faculty of Human and Social Sciences, New University of Lisbon, 18 May 1995
55. Interdisciplinaridade e área-escola. Problemas e perspectivas (Interdisciplinarity and “area-school”. Problems and perspectives), invited talk at the Trofa Secondary School, 24 May 1995
56. Interdisciplinaridade. Uma atitude e uma exigência curricular (Interdisciplinarity. An attitude and a curricular requirement), invited talk at the Cascais Secondary School, 31 May 1995
57. Estaremos a caminho para uma escola de sucesso? (Are we on the path to a successful school?), plenary invited talk at the "Encontro Regional de Professores de Matemática", Forum da Maia, 13 September 1995
58. A Filosofia e a Escola (Philosophy and the School), invited talk at the Cidadela Secondary School, Cascais, 25 October 1995

59. Perspectivas de trabalho interdisciplinar (Interdisciplinary work perspectives), Beja Secondary School, in a session organized by Editora Texto, 29 November 1995
60. Interdisciplinaridade e área-escola (Interdisciplinarity and "area-school"), invited speaker at the Paço de Arcos Secondary School, 6 December 1995
61. Comunicação e construção do conhecimento (Communication and knowledge building), plenary invited speaker at the "10<sup>a</sup> Conferência Nacional de Física and 6<sup>o</sup> Encontro Ibérico para o Ensino da Física", Universidade do Algarve, Faro, 17 September 1996
62. A interdisciplinaridade no ensino e na investigação (Interdisciplinarity in teaching and research), invited speaker at the "Ciclo de Interdisciplinaridade. Saber de Risco Sísmico com o Mínimo de Risco Ambiental", Faculty of Sciences of the University of Lisbon, Lisbon, 19 December 1996
63. A interdisciplinaridade (Interdisciplinarity), invited speaker at the Olaias Secondary School, Lisbon, 20 January 1997
64. Professor: profeta do passado, memória do futuro (Teacher: Prophet of the past, memory of the future), invited speaker at the Lumiar Secondary School, 20 May 1997
65. Da classificação dos seres à classificação dos saberes (From the classification of beings to the classification of knowledge) invited speaker at the colloquium "Classification", organized by the journal Leituras. Revista da Biblioteca Nacional, Biblioteca Nacional de Lisbon, 21 October 1997
66. Observação: problemas gnosiológicos e epistemológicos (Observation: gnosiological and epistemological problems), invited speaker at the Romeu Correia Secondary School, Almada, 22 April 1998
67. Recordar Agostinho da Silva: 10 anos depois (Remembering Agostinho da Silva, 10 years later), 1st session "Ciclo de Conferências Agostinho da Silva", Faculty of Sciences of the University of Lisbon, 17 December 1998

68. Palavra, pecado e redenção. O lugar do pai na língua mãe (Word, sin and redemption. The father's place in the mother language), plenary invited speaker at the "XII Colóquio de Psicanálise. O Mito e a Psicanálise", Faculty of Psychology of the University of Lisbon, 12-13 March 1999
69. Escola, cultura e interdisciplinaridade (School, culture and interdisciplinarity), invited speaker at the Cacém Secondary School, 16 March 1999
70. Tempo histórico e tempo geológico (Time history and geological time), invited speaker at the Afonso Domingues Secondary School, Lisbon, 30 April 1999
71. Notas à margem do projecto "Escolas inclusivas" (Remarks on the sidelines of the project "Inclusive schools"), participation in the 2ª Sessão do "Ciclo de Conferências Agostinho da Silva", Faculty of Sciences of the University of Lisbon, 4 May 1999
72. Sobre a emergência da Universidade Mundial Electrónica. Notas à margem da conferência de Parker Rossman (On the emergence of Worldwide Electronic Universities. Notes on the sidelines of Parker Rossman conference), colloquium "From the Idea of University to the University of Lisbon", Recktorship of the University of Lisbon, 30 November 1999
73. Da área-escola à área de projecto (From "area-school" to "project-area"), invited speaker at the Aquilino Ribeiro Secondary School, Oeiras, 16 February 2000
74. Projectar o projecto (Projecting the project), plenary invited speaker at the "Jornadas Pedagógicas" da Escola Secundária Alves Martins, Viseu, 13 March 2000
75. Ensino da Matemática como arte de "dar a ver" (Mathematics teaching as art of "showing"), invited speaker at the Fernão Mendes Pinto Secondary School, Almada, 21 March 2000

76. Curriculum: critérios de legitimação (Curriculum: legitimacy criteria), invited speaker at the "Jornadas Pedagógicas do Pinhal", put forward by the Centro de Formação do Pinhal, Municipal Auditorium of Proença-a-Nova, 23 March 2000
77. Biblioteca. A alma da Escola (Library. The soul of the School), talk by invitation of the Câmara Municipal of Lisbon at the Colóquio "Bibliotecas e Novas Tecnologias", Lisbon Forum, 11-13 Oct 2000
78. Sentido e crítica da avaliação escolar (Meaning and criticism school evaluations), talk by invitation of the Mathematics Stage Nucleos, António Arroio Secondary School, Lisbon, 11 January 2001
79. A situação da escola e as novas condições de comunicativas (The school and the new communicational conditions), talk by invitation at the Antero de Quental Secondary School, Ponta Delgada, 26 January 2001
80. A escola como memória do futuro (The school as memory of the future), plenary talk by invitation of the Associação Agostinho da Silva, colloquium "Homenagem a Agostinho da Silva", Sala do Arquivo, Paços do Concelho, Lisbon, 14-15 February 2001
81. Da autoridade ao autoritarismo (From authority to authoritarianism), plenary talk by invitation of the Associação Nacional dos Professores do Ensino Secundário, Seminário "Autoridade, Responsabilidade e Indisciplina nas Escolas", High School of Communication, Lisbon, 15 -16 February 2001
82. Professor: profeta do passado, memória do futuro (The teacher: prophet of the past, memory of the future), plenary talk by invitation at the "Segundo Encontro de Investigação e Formação: Criatividade, Afectividade e Modernidade", Escola Superior de Educação de Lisbon, 22-24 November 2001



83. Hipertexto como limite da ideia de enciclopédia (Hypertext as the limit of the idea of encyclopedia), Seminário do Projecto Enciclopédia e Hipertexto, Faculty of Sciences of the University of Lisbon, 4 December 2002
84. Problemas da interdisciplinaridade (The problems of interdisciplinarity), talk by invitation of the Grupo de Estágio de Educação Física, Stuart Carvalhais Secondary School, Massamá, 19 March 2003
85. A Escola, a Recta e o Círculo (The school, the straight line and the circle), talk by invitation of the Vitorino Nemésio Secondary School, Lisbon, 27 March 2003
86. A Matemática, a guerra e a paz (Mathematics, war and peace), talk by invitation of the ATTAC, colloquium "Visões Colaterais. A Ciência face à Guerra", Faculty of Human and Social Sciences, New University of Lisbon, 5 April 2003
87. A escola e a Europa (School and Europe), talk by invitation of the "Week of Europe. Social Europe expectations", Eça de Queiroz Secondary School, Lisbon, 8 May 2003
88. A ciência e a escola (Science and school), plenary talk by invitation at the "IV Journeys of Educational Training. Science and Education", Oliveira de Frades Secondary School, 8-9 May 2003
89. Biblioteca e escola. O esplendor de uma articulação (Library and the school. The splendor of an articulation), plenary talk by invitation at the "Jornadas de Bibliotecas Escolares do Concelho de Vila Franca de Xira. Literacias, Conhecimentos e Bibliotecas Escolares", Câmara Municipal Vila Franca de Xira, 30-31 October 2003.
90. Epistemologia da interdisciplinaridade (Epistemology of interdisciplinarity), plenary talk by invitation at the "International Seminar on Interdisciplinarity, Humanism and University", put forward by Cátedra Humanismo Latino, Oporto Faculty of Arts of the Oporto University, 12-14 November 2003.

91. A Matemática: rainha e serva das disciplinas científicas (Mathematics: queen and servant of the scientific disciplines), plenary talk by invitation at the "Baú da Matemática. Encontro de Professores de Educação Básica", organized by "Calculus. Centro de Investigação e Cultura Matemática do IPPorto", Forum Cultural de Ermesinde, 20 - 21 November 2003.
92. O insuportável brilho da escola (The unbearable brightness of the school), plenary talk by invitation at the Internacional conference "Direitos e Responsabilidades na Sociedade Educativa", Fundação Calouste Gulbenkian, Lisbon, 26 -27 November 2003.
93. Que sucesso se pode esperar da escola? (What success can one expect from school?), talk by invitation at the Vitorino Nemésio Secondary School, Lisbon, 14 January 2004
94. A escola e o seu essencial destino cognitivo (The school and its essential cognitive destination), talk by invitation at the "Sessão de Estudos. Educação, Cidadania e Justiça Social numa Sociedade Global", Casa das Irmãs Franciscanas de N. Sr<sup>a</sup> das Vitórias, Apelação, Loures, 7-8 February 2004.
95. Lugar da filosofia da ciência. Atipicidade e suas razões (The place for philosophy of science. Atypicality and its reasons), invited opening lecture to the Colloquium "Ainda não Doente. Contributos Multidisciplinares para uma Filosofia da Saúde", organized by the Social Sciences Institute of the University of Lisbon, Centre of Bioethics of the Medicine Faculty of the University of Lisbon, Centre for Philosophy of Science of the University of Lisbon, Centre for the Study of Philosophy of Medicine-IOP/FG, Centre of Philosophy of the University of Lisbon and Calouste Gulbenkian Foundation, Social Sciences Institute (ICS), Lisbon, 10 March 2004.
96. Claro que a Física é Cultural! (Of course, Physics is culture!), invited speaker in the series of conferencies "Física é Cultura!", "XIV Encontro Ibérico para o Ensino da Física - Escola de Educação em Física 2004", promoted by the Portuguese Physics Society, Instituto Superior de Engenharia, Oporto, 9 September 2004.

97. Por que é que Rousseau não é um utopista mas parece? (“Why Rousseau is not an utopian but appears to be?”), invited talk at the exhibit "Ilhas da Utopia", Livraria Ler Devagar, Lisbon, 15 October 2004.
98. Tarefas para a Filosofia da Ciência no início do século XXI (“The Philosophy of Science tasks at the beginning of the XXI century”), invited talk to the Journeys "Diálogo entre Projectos", promoted by Centro Interdisciplinar de Ciência, Tecnologia e Sociedade da University of Lisbon (CICTSUL), Bento da Rocha Cabral Science research Institut, Lisbon, 4 March 2005.
99. A bola de neve da interdisciplinaridade (“The interdisciplinarity snowball”), talk by invitation at the Miguel Torga Secondary School, Casal de São Brás, 13 April 2005
100. Filosofia, Física e a Unidade da Ciência (“Philosophy, Physics and the Unity of Science”), conference by invitation at the Cycle “Física sem Fronteiras”, Portuguese Physics Society and Physics Department of the University of Oporto, Oporto University, Recktorship Auditorium, 7 May 2005.
101. O que é o Logicismo? (“What is logicism?”), participation in the 2<sup>a</sup> session of the “Gimnasium of the Center for Philosophy of Sciences“, Faculty of Sciences of the University of Lisbon, 9th November 2005.
102. O que é um Objecto? (“What is an object?”), participation in the 3<sup>rd</sup> session of “Gimnasium of the Center for Philosophy of Sciences“, Faculty of Sciences of the University of Lisbon, 18th January 2006.
103. Enciclopédia e Hipertexto. Entre a suspeita e a perplexidade (“Encyclopaedia and Hypertext. Between suspicion and perplexity”), talk by invitation of the Livraria " Sem Mais nem Menos", Oporto, 26 May 2006.
104. Elogio da Transmissão (“In Praise of Transmission”), talk by invitation at the Vitorino Nemésio Secondary School, Lisbon, 24 January 2007

105. Da Interdisciplinaridade à Complexidade (“From interdisciplinarity to complexity”), talk by invitation at the “AFIRSE, XV Colloquium Complexidade: um novo paradigma para intervir em Educação”, Faculty of Psychology of the University of Lisbon, 16 February 2007
106. Imigrantes, Estrangeiros e Cidadãos. A partir de Hannah Arendt e Bertrand Russell (“Immigrants, Aliens and Citizens. From Hannah Arendt to Bertrand Russell”), talk by invitation at the “Conferencia Ibérica Educação para a Cidadania”, promoted by the Children's Identity and Citizenship in Europe, Center of Research in Education of the University of Lisbon and Barcelona Autonomy University, Faculty of Sciences of the University of Lisbon, 9 March 2007
107. Onde Começa e onde Acaba uma Teoria Científica. Um Problema Recorrente (“Where does a Scientific Theory begin and where does it end? A Recurring Problem”), talk at the colóquio “Darwinismo versus Criacionismo. Onde começa e onde acaba uma Teoria Científica?”, put forward by the Center for Philosophy of Sciences of the University of Lisbon, Center for Environmental Biology (CBA), Portuguese Natural Sciences Society (SPCN), Central Library of the Faculty of Sciences University of Lisbon and Bookshop Escolar Editora, Faculty of Sciences of the University of Lisbon, Lisbon, 1 March 2007
108. Ciência e Sociedade. Perspectivas sobre uma relação complexa (“Science and Society. Perspectives on a complex relationship”), talk by invitation of the Environmental Gulbenkian Program and the Joint Research Center at the colloquium "Crise do Ambiente e Interface Ciência / Sociedade", Calouste Gulbenkian Foundation, 19 April 2007
109. A Construção do Conhecimento Científico (“The construction of Scientific Knowledge”), talk by invitation of the "Science Week", Colégio Moderno, Lisbon, 20 April 2007.

110. Unidade da Ciência. O Regresso de uma Ideia (“Unity of Science. The Return of an Idea”), talk by invitation at the International Congresso "A Unicidade do Conhecimento" promoted by the Centre of Research in Education of Évora University, Évora, 17 May 2007
111. Produção e Transmissão dos Conhecimentos. Escola e Enciclopédia (“Production and Transmission of Knowledge: School and Encyclopedia”), plenary talk by invitation at the “Colóquio Fernando Gil, Arrábida Meetings 2007“, 26-28 June 2007
112. Característica Universalis e Transcendental Empírico (“Characterística Universalis and Empirical Transcendentals”), conference by invitation at the “Jornada de Homenagem a Fernando Gil”, Human and Social Sciences Faculty of the New University of Lisbon, 12 October 2007
113. Sobre a Educação das Crianças dos 0 aos 12 anos (“On the Education of Children from 0 to 12 years old”), talk by invitation at the Seminar "A Educação das Crianças dos 0 aos 12 anos", Nacional Education Council, CNE Auditorium, 20 May 2008
114. Interações Arte e Ciência (“Interactions between Art and Science”), talk by invitation at the “Conversas na Aldeia Global - A Ciência não Morde”, organization of the Oeiras Municipal Council, Biblioteca Municipal de Oeiras, Oeiras, 20 November 2008
115. Diários Gráficos como Instrumento de Conhecimento (“Graphic Notebooks as Instrument of Knowledge”), talk by invitation of the Project “Espaços do Desenho“ (in a partnership with the project A Imagem na Ciência e na Arte), Lisbon, Fábrica de Braço de Prata, 12th March 2009.
116. Ciência e Crença. Uma Relação Delicada (“Science and Belief. A Delicate Relationship”), talk by invitation at the “Ciclo de Conferencias - Darwin e a Revolução Darwiniana“, New University of Lisbon, Lisbon, 1st April 2009

117. Ilustração entre Ciência e Arte (“Illustration between Science and Art”), talk at the Workshop “Darwin e a Ilustração Científica”, in the context of the project “A Imagem na Ciência e na Arte” in collaboration with Ciência Viva, Knowledge Pavillon, Lisbon 21 -22 April 2009.
118. Diderot, D'Alembert e o Movimento Enciclopedista (“Diderot, D'Alembert and the Encyclopaedist Movement”), conference by invitation at the Câmara Municipal de Oeiras, “Ciclo de Conferencias sobre o Iluminismo“, Oeiras, 22 April 2009.
119. Interdisciplinaridade em Arte (“Interdisciplinarity in Arts”), talk by invitation at the “I Congresso Internacional Investigação em Arte”, Calouste Gulbenkian Foundation, 18 May 2009
120. Afinal, o que é a Escola? (“After all, what is the School?”), Conference by invitation at the “Conferências de Lisbon / Lições Abertas” (Org. Rui Tavares), Câmara Municipal de Lisbon, Lisbon, 25 June 2009
121. Afinal o que é a escola? (“After all, what is the School?”), talk by invitation at the Vitorino Nemésio Secondary School, Lisbon, 26 November 2009
122. Desafios da escola hoje (“Challenges schools face today”), talk by invitation at the E Almada Secondary School, Almada, 29 April 2010
123. Apresentação de um projecto (“Presentation of a project”), talk at the International Colloquium «Da Civilização da Palavra à Civilização da Imagem», organized in the context of the Project “Image in science and Art”, Franco-Portuguese Institute, Lisbon, 10 - 11 May 2010.
124. "Matemática e Lógica" de H. Poincaré (“H. Poincaré's "Mathematics and Logic"), talk presented at the “Project Poincaré. Philosopher of Science”, Faculty of Sciences of Lisbon University, Lisbon, 23 June 2010.
125. Otto Neurath. Uma Comovente Figura de Filósofo do Século XX (“Otto Neurath. A touching figure in XX century philosophy”), Faculty of Sciences of Lisbon University, Lisbon, 17 September 2010.

126. Acerca da Verdade (On truth), talk by invitation of the National Ethics Commission, Parque da Saúde, Lisbon, 5 November 2010.
127. Celebrar McLuhan. Escola e Currículo na sociedade de informação (“Celebrating McLuhan. School and Curriculum in the information society”), talk by invitation of the Sebastião e Silva Secondary School, Oeiras, 4 April 2010
128. Lugares da Escola (“The places of School”), talk by invitation of the Escola Secundária Professor Herculano de Carvalho, 4 May 2010
129. Porque não somos ainda Leibnizianos? (“Why are we not yet Leibnizian?”), conference by invitation of Cátedra A RAZÃO, Ciclo de Conferências 2011 "Os Novos Desafios da Razão", Faculty of Humanities of the University of Lisbon, 28 September 2010
130. Importância da Filosofia para a compreensão das relações entre Arte e Ciência (“The importance of Philosophy for understanding the relationship between Art and Science”), talk by invitation of the Maria Amália Vaz de Carvalho Secondary School, Lisbon, 28 March 2011
131. Ciência e Interdisciplinaridade (“Science and Interdisciplinarity”), by talk by invitation of the students of Psychology and Educational Sciences of the University of Coimbra, “Jornadas interdisciplinares 2011”, Coimbra, 22th March 2011
132. As Imagens com que a Ciência se Faz - Filosofia da Imagem e Filosofia da Ciência (“Images that make up Science - Philosophy of Image and Philosophy of Science”), plenary talk by invitation at the “3rd International Symposium of Philosophy of Science”, Évora University, 6 May 2011
133. Difficulties of Intuition by the hand of Poincaré, “Seminário Permanente de Filosofia das Ciências”, Faculty of Sciences of the University of Lisbon, Lisbon, 7 October 2011

134. Epistemologia da imagem científica (“Epistemology of the scientific image”), conference by invitation to the “Conferências de História e Filosofia das ciências da SAHFC”, Faculty of Sciences of the University of Lisbon, Lisbon, 27 October 2011
135. O livro como extravagância (“The book as an extravagance”), conference by invitation to the “Jornadas Kantianas”, put forward by the Oporto Association, Lisbon, 16 March 2012
136. A iconic turn e o seu impacto na Filosofia da Ciência (“The iconic turn and its impact on the Philosophy of Science”), talk by invitation to the “Curso de Doutoramento em História e Filosofia das Ciências da SAHFC”, Faculty of Sciences University of Lisbon, Lisbon, 10 May 2012
137. A Unidade da Ciência (“Unity of Science”), Conference by invitation to the Colloquium “Science and Philosophy”, University of Azores, 2 November 2012
138. Razão e Computação. O Contributo de Leibniz (“Reason and Computation. The contribution by Leibniz”), Conference by invitation to the Colloquium “Comemorações do centenário de Alain Turing e dos 25 anos da Licenciatura em Ciências da Computação”, University of Minho, Braga, 28 November 2012.
139. Educação, Investigação, Ciência e Desenvolvimento (“Education, Research, Science and Development”), talk by invitation of the “Centro de formação de professores da região Oeste”, Auditorium of the Rafael Bordalo Pinheiro Secondary School, Caldas da Rainha, 31th January 2013.
140. Qual a diferença entre Ciência e Filosofia? (“What is the difference between Science and Philosophy?”), talk by invitation of the "Evolution Day", organized by CFCUL / Ciência Viva, Knowledge Pavillon, Lisbon, 16 March 2013.
141. Que faz um Filósofo da Ciência? (“What does a Philosopher of Science do?”), talk by invitation of the series "Encontro com o Cientista", organized by Ciência Viva, Knowledge Pavillon, Lisbon, 8th November 2013.



142. Afinal, o que é a ciência? (“What is Science after all?”), talk by invitation of the António Damásio Secondary School in the context of the project "Afinal, o que é a ciência?", 9 January 2014.
143. Máquinas (“Machines”), talk by invitation of the workshop "Máquina. Auto-organização social. Computação ubíqua 2.0: abordagens sociais, políticas, éticas e artísticas", organized by the CFCUL Thematic Line “Filosofia das Tecnologias do Humano”, Faculty of Sciences of the University of Lisbon, 10 March 2014.
144. Epistemologia da interdisciplinaridade (“Epistemology of Interdisciplinarity”), talk by invitation of the “II Ciclo de Conferências e Debates Interdisciplinares” organized by Instituto de Investigação Interdisciplinar (III UC) and the Centre of Interdisciplinary Studies of the XX century of the University of Coimbra - CEIS20, Coimbra, 28th April 2014
145. O projecto de uma sociologia filosófica da tecnologia (“The project of a philosophical Sociology of Technology”), talk by invitation at the colloquium “Ciência e Humanismo sobre a obra de Hermínio Martins”, Évora University, 26-27 June 2014.
146. O estado da arte da Investigação em Filosofia em Portugal (“The state of the art in the philosophical research in Portugal”), talk by invitation at the “1st Portuguese Congress of Philosophy”, organized by Portuguese Philosophy Society, Calouste Gulbenkian Foundation, Lisbon, 6 September 2014
147. Epistemologia e as Ciências (“Epistemology and the Sciences”), talk by invitation, “Authom Talks of the Psychiatry Service of the Santa Maria Hospital”, Hospital de Santa Maria, Lisbon, 21th October 2014
148. A Espantosa Linguagem da Matemática (“The fascinating language of Mathematics”), talk by invitation at the "Ciclo de Conferencias - Uma Escola Publica de Qualidade", António Damásio Secondary School, Lisbon, 20th January 2015

149. Mais passado para o futuro; mais futuro para o passado (“More past for the future; more future for the past”), talk by invitation at the serie of talks "Escutar a cidade" put forward by Diocese de Lisbon, Forum Lisbon, 5 March 2015.
150. Filosofia e Matemática (“Philosophy and Mathematics”), talk by invitation at the “2<sup>a</sup> edition of the Jornadas de Matemática”, IST, Auditório do Complexo Interdisciplinar, Lisbon, 6th March 2015.
151. In memoriam of Prof. Herminio Martins, conference at the official opening session of the “PhD Program Philosophy of Science, Technology, Art and Society”, Faculty of Sciences of the University of Lisbon, 5th October 2015
152. A Infinitude da Queda no 'Teeteto' de Platão (“The infinitude of the fall in Plato’s Teetetus”), Conference by invitation in the context of the project ‘Diálogos’ put forward by the Calouste Gulbenkian Foundation, Faculty of Sciences of the University of Lisbon, 29th October 2015
153. Interdisciplinaridade e Cartografia do Conhecimento no Século XXI (Interdisciplinarity and knowledge cartography in the XXI century), talk at the III workshop “Interdisciplinarity in Science: Theory and Practice”, put forward by the CFCUL Thematic Line Unity of Science and Interdisciplinarity, Faculty of Sciences of the University of Lisbon, 25th January 2016
154. A Infinitude da Queda no 'Teeteto' de Platão (“The infinitude of the fall in Plato’s Teetetus”), Conference by invitation in the context of the project ‘Dialogos’ put forward by the Calouste Gulbenkian Foundation, Faculty of Letters of Coimbra University, 11 April 2016
155. Ciência e intersdisciplinaridade (Science and Interdisciplinarity), invited talk at the series of Seminars “Science, Education and Democracy”, D. Dinis Secondary School, Lisbon, 18 May 2016

## Book presentations

1. Notas de leitura à margem de uma antologia (“Some reading notes on the sidelines of an anthology”), talk at the book presentation edited of Irene Borges Duarte, Maria Fernanda Henriques e Isabel Matos Dias (orgs.) “Texto, Leitura e Escrita. Antologia”, Porto: Porto Editora, 2000: Livraria Barata, Lisbon, 28 March 2001
2. Os Livros em Volta. Conversas à Volta de um Livro" (Conversations on books), participation in a discussion moderated by Eduardo Pardo Coelho about books including the book authored by Olga Pombo, *A escola, a recta e o círculo* (The school, the straight line and the circle), Relógio d'Água, 2002 (Other books presented: J. Lobo Antunes, *Inventário de Nova York*; João Barrento, *Poço de Babel*; Julieta Minguinho, *Onde está J?*; M. Helena Buescu, *Chiaro Escuro e J. Bragança de Miranda, Teorias da Cultura*). The event was organized by the Portuguese Institute for Book (IPLB) and by Culturgest, 25 Mar 2003.
3. Enciclopédia e hipertexto. Continuidade e inovação (Encyclopedia and hypertext. Continuity and innovation), invited talk at the presentation of the book of José António Cordon Garcia's "De D'Alembert ao CD-Rom", "I Encontro de Bibliotecas do Ensino Superior. Conhecimento, Qualidade e Inovação", Instituto de Psicologia Aplicada, Lisbon, 18 December 2003.
4. Há verdade em ciência? Popper, Kuhn e outros (Is there truth in science? Popper, Kuhn and others), talk by invitation of Nuno Crato and Almedina Bookshop at the book presentation of the portuguese translation of Karl Popper *Conjectures and Refutations*, Auditorium of the Almedina bookshop, Lisbon, 28 May 2004.

5. Boas Razões para Amar a Escola. A propósito da "Lettre à tous ceux qui aiment l'école" de Luc Ferry (Good reasons to love the school. Notes on the " Lettre à tous ceux qui aiment l'école), talk at the book presentation authored by Luc Ferry, Vitorino Nemésio Secondary School, Lisbon, 6 April 2005
6. Ambições e Limites da Interdisciplinaridade ("Ambitions and Limits of Interdisciplinarity"), talk at the debate put forward by the "Interdisciplinary Seminar. Social Theory and Contemporary Thought: On Olga Pombo's latest book", Social Sciences Institut (ICS), University of Lisbon, 5 May 2005.
7. Lisbon, Saúde e Inovação. Do Renascimento aos dias de Hoje ("Lisbon, health and inovation. From Renaissance to the days of today"), presentation of the book edited by Manuel Valente Alves e Constantino Sakellarides (edrs.), Lisbon, Gradiva, 2008, at the exhibit pavillon Portugal Tecnológico, Auditório Pavilhão 2 Auditório, FIL (Parque das Nações), 21 November 2008
8. Marx Morto, Darwin Posto ("Marx dead, Darwin alive"), presentation of the book authored by Onésimo Teotónio Almeida, Ciência na Almedina. Sextas às Sete, Livraria Almedina, Lisbon, 16 October 2009
9. Relatividade e Física Clássica: Continuidade e Ruptura ("Relativity and Classical Physics. Continuity and rupture"), presentation of the book authored by António Brotas, Anfiteatro do Complexo Interdisciplinar do Instituto Superior Técnico, Lisbon, 20 January 2010.
10. Unity of Science: New Approaches. Otto Neurath and the Unity of Science, presentation of the book edited by Olga Pombo, John Symons and Juan Manuel Torres, Springer, 2010, held at the Faculty of Sciences University of Lisbon, 17 September, 2010.
11. Das Sociedades Humanas às Sociedades Artificiais ("From human societies to artificial societies"), presentation of the book authored by Porfirio Silva, Colégio Espírito Santo, Évora University, 6 May 2011.

12. Economia e Interdisciplinaridade(s), (“Aeconomics and Interdisciplinarity”), presentation of the book authored by Victor Neves, Livraria Almedina, Atrium Saldanha, 23 November 2012,
13. Marie Skłodowska Curie - Imagens de Outra Face, presentation of the book authored by Raquel Gonçalves-Maia”, Colibri Editor, Faculty of Sciences of the University of Lisbon, 9 November 2011.
14. Materialismo e Idealismo na Física do final do século XIX e Início do século XX a partir de ‘Materialismo e Empiriocriticismo’ de Lênine, presentation of the book authored by Ana Pato, Pé de Pagina Editor, Faculty of Sciences of the University of Lisbon, 29th January 2016
15. Afinal, o que é a Ciência? Relatório de um projecto, presentation of the book edited by Olga Pombo and Ricardo Santos, CFCUL/Ciencia Viva, Escola Secundária António Damásio, Lisbon, 31th May 2016.
16. Dialogos sobre a Nova Física. Complexidade e Não-Linearidade, presentation of the book authored by José Croca, Esfera do Caos, Reitoria da Universidade de Lisboa, 14th June 2016.

## **Round tables and debates**

1. Da Filosofia como Pedagogia (On Philosophy as Pedagogy), participation talk at a round table on the “Teaching Philosophy”, Faculty of Arts of the University of Lisbon, 19 Apr 1985
2. The statuts of a program of Philosophy, participation at a roundtable organized by Portuguese Philosophy Society, 6 June 1990

3. Perplexidades em torno do estatuto do ensino da Filosofia no ensino secundário (Perplexities about the status of the teaching of philosophy in secondary education), participation talk at the Public Debate: “Philosophy in the Curricular Revision”, Department of Philosophy, Faculty of Arts of the University of Lisbon, 22 January 2003
4. Clássicos: inevitáveis! (Classics: inevitable!), participation in the debate chaired by Paula Moura Pinheiro (with Ana Maria Magalhães, Marta Martins, José Pedro Serra, Miguel Che e Ondjaki), by invitation of the “XVI Meeting on Literature for Children”, Calouste Gulbenkian Foundation, Lisbon, 8 October 2004.
5. Limites e Fronteiras nas Ciências (“Limits and boundaries of the sciences”), talk by invitation at the cycle of debates “Architecture and Philosophy”, put forward by the Faculty of Architecture of Lisbon University and the Eterno Retorno Bookshop, Livraria Eterno Retorno, 16 June 2005.
6. Homenagem a Agostinho da Silva (“Homenage to Agostinho da Silva”), talk by invitation at a round table with Olga Pombo, Fernando Dacosta, Helena Carvalhão, Natércia Duarte Belo and Paulo Archer, put forward by the Archive Bookshop, 16 February 2006.
7. A Verdade na Ciência (“Truth in Science”), talk by invitation at the debate "A verdade", promoted by Ler Devagar Bookshop and Eterno Retorno Bookshop, Lisbon, 27 April 2006.
8. Sobre o Ensino da Filosofia (On the teaching of Philosophy), participation talk at the debate on “Teaching Philosophy”, Livraria Ler Devagar, Lisbon, 21 March 2007
9. A Filosofia e o Amor da Escola (“Philosophy and the love for school”), talk by invitation at the debate “Olhares sobre a Filosofia. A Filosofia na Escola, na Cidade e na Cultura”, Centro Nacional de Cultura, Lisbon, 23 March 2007
10. Ser no tempo em que Estamos/Estar no tempo em que Somos (“To be in the time we stay/ To stay in the time we are”), participation talk in a round table by invitation of the “Project Escola Criativa”, Cascais Cultural Center, 15 November 2007

11. Questões filosóficas a propósito do evolucionismo (“Philosophical issues concerning evolution”), talk presented at the debate “Evolucionismo e o seu Ensino”, organized by CFCUL and the Polytechnic Theater, Lisbon, 13 January 2008
12. Desafios da escola hoje (Today's challenges for the school), participation talk in the debate “A avaliação das escolas e dos professores”, by invitation of the Centro de Formação da Vasco da Gama Secondary School, 16 April 2008
13. Avaliação de Professores. Esta não. Mas Qual? (“Evaluation of Teachers. No this one. Which then?”), talk by invitation to a debate put forward by the “Movimento Escola Pública”, Associação 25 de Abril, Lisbon, 21 June 2008
14. Ciência Viva faz 10 anos, E para os próximos 10 anos? Digam e nós fazemos (“1<sup>o</sup> hears of Ciência Viva. And for the next 10 years? Say and we will do), participation in a round table chaired by Alexandre Quintanilha, organised for the celebration of the “10 years of Ciência Viva”, Pavilhão do Conhecimento, 25 July 2009.
15. “A imagem entre a ciência e a arte”, apresentação de um projecto (“Image in science and art”, presentation of a Project), participation at a round table by invitation of the project "Espaços de Desenho", Lisboa, Fabrica Braço de Prata, 1 April 2010,
16. Dinamizar a Bioética na Universidade de Lisboa II: em torno da Clonagem Humana (Boosting Bioethics at the University of Lisbon II: on Human Cloning), moderator of the debate organized by the Biodiversity Center, Center for Integrative and functional Genomics (BioFIG), Faculty of Sciences of the University of Lisbon 6 April 2010.
17. Analogia e Mediação, Transversalidade na investigação em Arte, Filosofia e Ciência", moderation of a round table organized at the Faculty of Beaux Arts of the University of Lisbon, 12 December 2012

18. Apontamentos sobre o ócio ("Notes on Otium"), invitation talk at the round table "Time for doing nothing / what is otium for?" in the context of the event " The 24 Hours of Time" organized by Ciência Viva – National agency for Scientific and Technological Culture, Lisbon, Knowledge Pavilion, 21 June 2014.
19. Apontamentos sobre margens, fronteiras e linhas de demarcação ("Notes on margins, boundaries and demarcation lines "), talk by invitation at a round table on "Religion, Philosophy and Science: View Bridges", Congress of the Portuguese Psychodrama Society, Almada Pousada da Juventude, Almada, 9 November 2014.

## **TV, radio, magazine and journal interviews and other media mentions**

1. Radio interview on « Jean-Jacques Rousseau », (with journalist Luísa Costa Gomes), Rádio Comercial, Lisbon, 6 May 1985.
2. Radio interview on “O projecto leibniziano de uma Mathesis Universalis” (“The leibnizian project of a Mathesis Universalis”), in the cycle “Leibniz, Filósofo, Matemático e Historiador. Leibniz nasceu há 350 anos”, Rádio Difusão Portuguesa, Lisbon, 6 July 1996.
3. Radio interview on “Current Portuguese education”, Rádio Paris -Lisbon, 20 June 2001.
4. Participation in the TV Program, RTP 2 channel, "Livres e Iguais", moderated by Paula Moura Pinheiro. Other participants: the Minister of Education, Prof. Augusto Santos Silva, Eng. Roberto Carneiro, Dr. José Pacheco and João Soeiro, 20 and 22 June 2001.



5. Magazine interview, “What school do we want for our children?” debate with Paulo Feytor-Pinto (with journalist Paula Moura Pinheiro), Magazine Elle, n.º 158, November 2001, pp. 140-148.
6. Participation in a Radio debate, Rádio Paris-Lisbon (with journalist Paula Moura Pinheiro), on the book, *A Escola, A Recta e o Circulo*. The debate was taken directly from FNAC bookshop, Chiado, Lisbon, 1 October 2002.
7. Participation in a press conference on “Teaching of Portuguese at Secondary School”, with Maria do Carmo Vieira, Maria da Conceição Rolo, Elisa Costa Pinto e Carlos Ceia, held at the Livraria Eterno Retorno, Lisbon, 9 October 2002.
8. Newspaper interview “Persistência da Memória” (“Memory Persistence”), with journalist Daniel Branco, *Jornal de Letras. Educação*, 8 January 2003.
9. Journal interview with António Gonzales, *Revista Ser*, Instituto Superior de Psicologia Aplicada, 2004
10. Radio interview on political education, Rádio Paris-Lisbon, Lisbon, 25 October 2005.
11. Magazine interview, *Infociências* nº 142, 1 February 2005, pp. 12-14
12. Journal interview, “Ivan Illich - Um Visionário que é Preciso Releer” (Ivan Illich - A visionary that must be re-read), *Aprender ao Longo da Vida*, nº 4 (May 2005), pp. 40-47 ([http://www.direitodeaprender.com.pt/revista04\\_03.htm](http://www.direitodeaprender.com.pt/revista04_03.htm)) .
13. Radio interview on “Agostinho da Silva”, TSF, 13 Feb 2006 ([http://tsf.sapo.pt/online/radio/interior.asp?id\\_artigo=TSF168152](http://tsf.sapo.pt/online/radio/interior.asp?id_artigo=TSF168152)) (<http://www.tsf.pt/programa/sinais.html?id=903681>)
14. Newspaper interview, “Fernando Gil, Filósofo do conhecimento”, *Expresso*, supplement Actual, p. 23, 25 March 2006

15. Television interview, “Língua é Poder” (“Language is Power”), RTP2 program "Câmara Clara" with journalist Paula Moura Pinheiro, 15 July 2007 (please see section "Arquivo" - <http://www.dois.tv/programas/camaraclara>)
16. Newspaper interview "Ciência em Movimento. Os nossos neurónios. Cerebros Portugueses de que temos orgulho" (“Science in Motion. Our neurons. Portuguese brains we are proud of”), (with journalist Helena Mendonca), Diario de Notícias Magazine, 18 May 2008
17. Newspaper interview, “Este ensino só precisa de um bom professor, quadro e giz” (“This teaching only needs a good teacher, a blackboard and some giz”) Jornal Público (with journalist Clara Viana), 24 June 2008.
18. Journal interview, “Interdisciplinaridade e Transformações Epistemológicas Contemporâneas” (“Interdisciplinarity and Epistemological Transformations”), Olhares, (NPPD-Unijorge), 2009, n.º 1, pp. 7-10
19. Television interview, “Sobre a ideia de enciclopedia” (“On the Idea of Encyclopedia”), RTP 2 program "Câmara Clara" (with journalist Paula Moura Pinheiro), 19 January 2010
20. Television Interview, 'Imagem na Ciência e na Arte' desvenda corpo humano” (“Image in Science and Art reveals human body”), RTP program “TV Ciência”, (with journalist Lucia Alves), 14 February 2011
21. Television interview, RTP program "Com Ciência" (with journalist Vasco Trigo), 23 February 2011
22. Journal interview, “A escola é o lugar onde a memória se faz futuro” (“School is the place where memory becomes future”), Página da Educação, (with journalist Antonio Baldaia), Winter 2011, II, n.º 195, pp. 9-20
23. Online interview – “Questões sobre interdisciplinaridade” (“Questions about interdisciplinarity”), with Regina Giora, Miriam Martins, M. Aparecida Aquino, Regina Tancredi and Isabel Petraglia, Pos-graduation Program in Education, Art and History of Culture, Mackenzie Presbyterian University, S. Paulo, Brazil, 13 February 2012

24. Participation in the television program Prós e Contras – “O bosão de Higgs” (The Higgs boson), RTP1, 9 July 2012
25. Youtube interview "O Pensamento Vivo da Informação" ("The living thinking of information"), by Robson Ashtoffen, Núcleo de Pesquisa em Produção Científica da ECA-USP, São Paulo, Brazil, September 2012. The interview is divided in four parts:
  - 1<sup>st</sup> On the definition of Information and the complexity of the human sciences object.
  - 2<sup>nd</sup> The specialization of the sciences and interdisciplinarity,
  - 3<sup>rd</sup> The Sociology of Science. Science and Society,
  - 4<sup>th</sup> “Encyclopaedic thinking in the internet”.
26. Magazine interview, “Entrevista com Olga Pombo a respeito do lançamento do seu livro "Círculo dos Saberes". (interview with Olga Pombo in the context of her book “The circle of knowledge”), “Newsletter” of the Faculty of Sciences of the University of Lisbon, 24 October, 2012.
27. Magazine interview, “3 perguntas a... Olga Pombo | Da Civilização da Palavra à Civilização da Imagem” (“3 questions to ... Olga Pombo ‘From word civilization to Image civilization’”), “Newsletter” of the Faculty of Sciences of the University of Lisbon, 21 June, 2013.
28. Mulheres na Ciência (“Women in Science”), selected as one of the 100 science women to be part of the book edited by Ciência Viva, Março, 2016

## Languages

Portuguese – native

English (spoken and written) - excellent

French (spoken and written) - excellent

Spanish (spoken and written) - excellent

Italian (spoken and read) - regular

