

Curriculum Vitae

Personal Details

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| Surname | Tampakis |
| Name | Konstantinos |
| Date of Birth | 29/06/1978 |
| Address | Venezouleas 38, Glyfada, 16674, Athens, Greece |
| Phone numbers | (0030) 210-9634571 / 00306972-279676 /004407748584005 |
| e-mail | konstantinos.tampakis@gmail.com |

Career & studies

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| 2010 | Associate external coauthor of National Hellenic Research Foundation Proposal “ Expansion of building and equipment facilities and development of actions and services of NHRF” |
| 2010 | “Researching histories of European educational spaces, discourses and sources” History of education summer school, University of Ghent, Belgium 10-13 June 2010 |
| 2009-2010 | Associated Teaching Staff in the course <i>Sciences of nature and sciences of man in Europe</i> , Hellenic Open University |
| 2009-2010 | Research Associate in Darwin College, University of Cambridge |
| 2009-2010 | Visiting Scholar in the History and Philosophy of Science Department, University of Cambridge |
| 2008-2009 | Military service |
| 2008 | Member of the HEPHAESTUS (FP7-REGSPOT-2008-1) Research Program Authoring Team |
| 2007-2008 | Co-teaching of the course <i>Historical introduction to the concepts of Physical Sciences</i> , Marasleion Pedagogical Academy, Faculty of Primary Education, National and Kapodistrian University of Athens |
| 2006-2009 | External associate researcher, History and Philosophy of Science Program, Institute of Neohellenic Research, National Hellenic Research Foundation |
| 2005-2006 | Scientific co-advisor of the course «Renewable energy sources», <i>Elearn</i> platform, under the aegis of Greek Manpower Employment Organization |
| 2005-2006 | Researcher in the Program Pythagoras «A teaching approach to complex environmental phenomena and procedures. Development of a model for the use of virtual environments in science education» |

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| 2005 | Co-developer of the software «Physics in Byzantium: A multimedia application for the rescue and display of original Byzantine physics texts» Parkosidis I., <u>Tampakis K.</u> , Tsilidis I., Psomiadis P. Faculty of Primary Education of the National and Kapodistrian University of Athens /National Hellenic Research Foundation |
| 2004-2008 | PhD thesis titled «The education of primary school teachers in the natural sciences in the early modern Greek State (1831-1931)». Grade <i>Excellent</i> Supervisor: Constantine Skordoulis, Professor of Philosophy of sciences and Physics in the Faculty of Primary Education of National and Kapodistrian University of Athens |
| 2002-2004 | Master of Education (M.Ed.) in «Natural sciences in Education», Faculty of Primary Education, National and Kapodistrian University of Athens. Grade <i>Excellent</i> . Master thesis titled «The reception of Quantum theories in Greece» |
| 1996-2002 | Diploma of Physics, Faculty of Physics, National and Kapodistrian University of Athens. Grade <i>Very good</i> |

Teaching experience

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| 2010-2011 | Associated Teaching Staff of the courses ΕΠΟ31: <i>Επιστήμες του ανθρώπου και της Φύσης στην Ευρώπη</i> (Sciences of man and nature in Europe) and ΚΦΕ60: <i>Ιστορία, Επιστημολογία και Εκπαιδευτική Μεθόδγία</i> (History, Philosophy and Educational Methodology) in the Greek Open University. |
| 2010 | Invited lecturer in “Natural Sciences in Education” Master Courses of the School of Primary Education, University of Ioannina. |
| 2009-2010 | Associated Teaching Staff of the course ΕΠΟ31: <i>Επιστήμες του ανθρώπου και της Φύσης στην Ευρώπη</i> (Sciences of man and nature in Europe) in the Greek Open University |
| 2008-2009 | Auxiliary teaching of the core course <i>Επιστημολογία των Φυσικών Επιστημών. Βασικές έννοιες και θεωρίες των Φυσικών Επιστημών</i> (Epistemology of the Physical Sciences. Basic concepts and theories of the Physical sciences) to third year students of the Primary Education Faculty of the National and Kapodistrian University of Athens |
| 2007-2008 | «Νέες Τεχνολογίες στο Εργαστήριο Περιβαλλοντικών Επιστημών» (<i>New technologies in the Environmental Sciences Laboratory</i>) and «Συστήματα συλλογής και επεξεργασίας δεδομένων με μικροϋπολογιστές» (Systems of data gathering and processing using microprocessors) lectures in <i>Training of educators and Environmental Education executives task</i> program, implemented under the aegis of the National Metsovian Polytechnic School of Athens |
| 2005-2007 | Auxiliary teaching of the core course <i>Environmental Science</i> of the Primary |

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| | Education Faculty of National and Kapodistrian University of Athens. |
| 2002-2005 | Auxiliary teaching of fourth year students of the Faculty of the Primary Education Faculty of National and Kapodistrian University of Athens in the <i>Teaching Physics</i> course. |
| 2002-2005 | Auxiliary teaching of fourth year students of the Faculty of Primary Education of National and Kapodistrian University of Athens in <i>Teaching Physics- a laboratory approach</i> course. |

Scientific & Organizing Committees

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| • | Member of the «Education and the sciences in Greece during the 19 th century», Seminar Organizing Committee, Institute of Neohellenic Research/National Greek Research Foundation, Ermoupoli, Syros, 4-6/7/2002 |
| • | Member of the 2 nd Panhellenic Conference with international participation «The contribution of History and Philosophy of Science in Science Teaching» Organizing Committee, Faculty of Primary Education of the National and Kapodistrian University of Athens, Athens, 8-11/5/2003 |
| • | Member of the «Radical approaches to Science and the History of Science» Seminar Organizing Committee Institute of Neohellenic Research/National Greek Research Foundation, Ermoupoli, Syros, 6-8/7/2004 |
| • | Member of the «Sciences and Social Justice » Seminar Organizing Committee INR/NRHF, Ermoupoli, Syros, 28/7/2005 |
| • | Member of the 3 rd Panhellenic Conference with international participation «History, Philosophy and Teaching of the Natural Sciences », Organizing Committee, Faculty of Primary Education of the National and Kapodistrian University of Athens/ NHRF, Athens, 19-23/9/2005 |
| • | Member of the 4 th Workshop on « Critical approaches to Science and Education» Organizing Committee, Elati, Trikala, 12-16/7/2007 |
| • | Member of the 4 th Panhellenic Conference «Issues of science: History, Philosophy, Didactics», Organizing Committee, Faculty of Primary Education of the National and Kapodistrian University of Athens, Athens. 28-30/9/2007 |
| • | Member of the 5 th Workshop on « Critical approaches to Science and Education» Organizing Committee, Elati, Trikala, 14-20/7/2008 |
| • | Member of the International Conference «Technoscience. Historiological, Sociological and Philosophical perspectives» Organizing Committee, Syros, 14-15/7/2008 |
| • | Member of the 6 th Workshop on «Critical approaches to Science and Education» Organizing Committee, Elati, Trikala, 14-17/7/2009 |

Scientific societies

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| • | Member of the International History, Philosophy and Science Teaching Group |
| • | Member of the History of Science Society |
| • | Member of the British Society for the History of Science |
| • | Member of the History of Education Society |
| • | Member of the History of Education Society UK |
| • | Member of the European Physical Society, History of Physics Group |
| • | Member of the Hellenic Physicists Union |
| • | Founding Member of the <i>Hellenic History, Philosophy and Didactics of Natural Sciences Society</i> |

Scholarships

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| 2003-2007 | Postgraduate Scholarship by Hellenic Scholarship Foundation |
| 2003-2005 | Institute of Neohellenic Research/National Greek Research Foundation Scholarship titled « <i>Η εκπαίδευση των δασκάλων στις φυσικές επιστήμες (1830-1930)</i> » (The education of primary school teachers in the natural sciences in the early modern Greek State (1830-1930)) |

Papers as invited speaker

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| 1. | <i>The unrecognized mechanism: Science education in the nineteenth century</i> <u>K. Tampakis</u> Sciences et Europe, histoire d'un engendrement mutuel Colloquium , 7 - 9 February, University of Nantes, 2011 |
| 2. | <i>Διδάσκοντας Φυσική στην Ελλάδα-Μια ιστορική προσέγγιση (1824-1932)(Teaching Physics in Greece- An historical perspective (1824-1932))</i> <u>K. Tampakis</u> 12 ^ο Πανελλήνιο Συνέδριο Ένωσης Ελλήνων Φυσικών (12 th Panhellenic Greek Physicists Union Conference), 20 – 23 March, Kavala, Greece, Under publication, 2008 http://www.eef.gr/app/webroot/CD/synedria_page.php?syn_id=19 |
| 3. | <i>Η υποδοχή της κβαντομηχανικής στην Ελλάδα (The reception of quantum theories in Greece)</i> |

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| | <p><u>K. Tampakis</u></p> <p><i>Συμπόσιο «Φυσικοί και Φυσική στην Ελλάδα», 11ο Κοινό Συνέδριο Ελλήνων και Κυπρίων Φυσικών (Physicists and Physics in Greece Symposium), 11th Greece and Cyprus Joint Physicists' Conference, 1 April, Larissa, Greece, 2007</i></p> |
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Publications

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| 1. | C. Tampakis (2008), <i>Η υποδοχή της Κβαντομηχανικής στην Ελλάδα</i> (The reception of Quantum Mechanics in Greece) in C. Skordoulis (ed.), "Ζητήματα θεωρίας των επιστημών της φύσης" (Theoretical Issues in the Sciences of Nature), Topos, Athens, pp. 197-210 |
| 2. | A. Chalkidis, P. Psomiadis, A. Mandrikas, <u>C. Tampakis</u> , K. Kyriakou (2007), <i>2ήμερο περιβαλλοντικής ευαισθητοποίησης</i> (Two days of environmental sensitization), General Secretariat for Youth, Ministry of Education, Athens |

Research

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| A. | <i>Papers in journals and peer reviewed conferences</i> |
| A1 | <p><i>The many faces of textbooks: Science, education and science education in the early Greek state (1838 – 1931)</i></p> <p><u>K. Tampakis</u>, C. Skordoulis</p> <p>ARCHIVES INTERNATIONALES D' HISTOIRE DES SCIENCES, Issue N° 164, 2010</p> |
| A2 | <p><i>The history of teaching Quantum Mechanics in Greece</i></p> <p><u>K. Tampakis</u>, C. Skordoulis</p> <p>SCIENCE & EDUCATION 16, p. 371-391, 2007</p> |
| B. | <i>Papers in peer reviewed conferences</i> |
| B1 | <p><i>Two worlds apart- Comparing Greek and American 19th century science education</i></p> <p><u>K. Tampakis</u></p> <p>Cross-National and Comparative History of Science Education Symposium, 4th Conference of the European Society for the History of Science, 18-20 November 2010, Barcelona, Spain (<i>accepted</i>)</p> |
| B2 | <p><i>Onwards facing backwards: Images of science in speeches and writings of 19th century Greek scientists</i></p> <p><u>K. Tampakis</u></p> |

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| | British Society for the History of Science Annual Conference , 22 – 25 July 2010, Aberdeen, UK |
| B3 | <p><i>Teaching and Learning Energy Transformations in the Context of Environmental Crisis</i></p> <p>C.Stefanidou, <u>K.Tampakis</u>, D.Stavrou, C.Skordoulis</p> <p>Hands-on Science: Bridging the Science and Society Gap, Rethymnon, Crete, 25-31 July 2010</p> |
| B4 | <p><i>A web based approach to teaching the subject Renewable Energy Sources in Technical Vocational Educational Schools using the Elearn Web Platform</i></p> <p><u>K. Tampakis</u>, A. Chalkidis, P. Psomiades, A. Sarridaki</p> <p>8th Conference in Computer Based learning In Science, 30 June-6 July, Heracleion, Crete, 2007</p> |
| B5 | <p><i>Educational software on the depletion of the ozone layer</i></p> <p>P. Psomiadis, A. Chalkidis, <u>K. Tampakis</u>, C. Skordoulis</p> <p>8th Conference in Computer Based learning In Science, 30 June-6 July, Heracleion, Crete , 2007</p> |
| B6 | <p><i>Science textbooks and primary teachers' education in 19th century Greece</i></p> <p><u>K. Tampakis</u>, P. Psomiadis, C. Skordoulis</p> <p>IOSTE: <i>International meeting on critical analysis on school science textbooks</i>, 7-10 February, Hammamet, Tunis, 2007</p> |
| B7 | <p><i>Ozone layer depletion in Greek secondary education science textbooks</i></p> <p>P. Psomiadis, A. Mandrikas, <u>K. Tampakis</u>, M. Tsilidis, A Chalkidis, K. Chalkia, C. Skordoulis</p> <p>IOSTE: <i>International meeting on critical analysis on school science textbooks</i>, 7-10 February, Hammamet, Tunis, 2007</p> |
| B8 | <p><i>“To develop the senses” - Teaching Science To Primary Education Teachers In The First Century Of The Greek State (1828-1931)</i></p> <p><u>K. Tampakis</u>, C. Skordoulis</p> <p>Ninth International History, Philosophy & Science Teaching Conference, 24-28 June, Calgary, 2007 (http://www.ucalgary.ca/ihpst07/abstracts_tue.htm)</p> |
| B9 | <p><i>The reception and assimilation of Quantum Theories in Greek intellectual space</i></p> <p><u>K. Tampakis</u>, C. Skordoulis</p> |

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| | <p>First History Of Physics-European Physical Society Joint Conference,18-20 September, Graz, 2008 (Later reworked and published in Greek as K. Skordoulis (ed) 2008)</p> |
| B10 | <p><i>The history of teaching Quantum Mechanics in Greece</i></p> <p><u>K. Tampakis</u>, C. Skordoulis</p> <p>International History, Philosophy, Sociology and Science Teaching Conference: <i>Teaching and Communicating Science</i>, 15-18 July, Leeds, 2005 (Later reworked and published as K. Tampakis, C. Skordoulis 2007)</p> |
| B11 | <p><i>Η πειραματική εκπαίδευση και τα επιστημονικά όργανα στη Μαράσλειο Παιδαγωγική Ακαδημία</i> (Laboratory based education and scientific instruments in the Marasleion Pedagogical Academy)</p> <p>D. Dellaportas, <u>K. Tampakis</u>, C. Skordoulis</p> <p>3rd Panhellenic Conference of History, Philosophy and Didactics of Physical Sciences /European Physical Society Conference: <i>Notions of Physics in Natural Society</i>, 19-25 September, Athens</p> |
| C. | <i>Papers in Greek journals and Greek peer reviewed conferences</i> |
| C1 | <p><i>Συστήματα συλλογής και επεξεργασίας δεδομένων με μικροϋπολογιστές και άλλες πειραματικές διατάξεις: αξιοποίησή τους στην επιμόρφωση εκπαιδευτικών στην Περιβαλλοντική Εκπαίδευση</i> (Data collection and processing systems and their exploitation for the training of educators on environmental education)</p> <p>A. Mandrikas, P. Psomiadis, K. Kiriakou, A. Giolmas, <u>K. Tampakis</u></p> <p><i>Περιβαλλοντική Εκπαίδευση για μια ολοκληρωμένη ανάπτυξη</i> (Environmental Education for a sustainable development), NTUA, 21-22 November, Peiraias, 2008</p> |
| C2 | <p><i>Εκπαίδευση εκπαιδευτικών για την αιεφορία: πειραματική μελέτη της φωτοσύνθεσης με τη χρήση νέων τεχνολογιών</i> (Educating educators for sustainable development: An experimental study of photosynthesis)</p> <p>K. Kiriakou, A. Giolmas, A. Mandrikas, <u>K. Tampakis</u>, P. Psomiadis, C. Skordoulis</p> <p>Εκπαίδευση για την αιεφορία και περιβαλλοντική εκπαίδευση: <i>Κοινωνία-Οικονομία-Περιβάλλον – Πολιτισμός</i> (3th Panhellenic PEEKPE Conference), 9-11 November, Athens, 2007 (http://81.186.166.197/peekpe/4_did/Kyriakou%20et%20al.pdf)</p> |
| C3 | <p><i>Η εκπαίδευση των δασκάλων στις Φυσικές Επιστήμες τον πρώτο αιώνα του ελληνικού κράτους (1824-1931)</i> (The education of primary teachers in the natural sciences during the first century of the modern Greek State (1824-1931))</p> <p><u>K. Tampakis</u></p> <p><i>Ζητήματα Επιστήμης: Ιστορία, Φιλοσοφία και Διδακτική</i> (4th Panhellenic Conference <i>Issues of science: History, Philosophy, Didactics</i>), Faculty of Primary Education of the National and Kapodistrian University of Athens, 28-30 September, Athens, 2007</p> |
| C4 | <i>Τα Εγχειρίδια των Φυσικών Επιστημών και η Εκπαίδευση των Δασκάλων και</i> |

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| | <p><i>Διδασκαλισσών τον 19^ο Αιώνα</i> (Science textbooks and primary teachers' education during the nineteenth century)</p> <p><u>K. Tampakis</u>, C. Skordoulis</p> <p>Ζ' Πανελλήνιο Συνέδριο «Έρευνα και εκπαίδευση στις Φυσικές Επιστήμες στα Παιδαγωγικά Τμήματα Δημοτικής Εκπαίδευσης' (8th Panhellenic Conference «Research and education in the Natural Sciences in the Primary Education Faculties»), 11-13 May, Athens, 2007</p> |
| C5 | <p><i>Οι αντιλήψεις των μαθητών για το όζον ως παράγοντας σχεδιασμού εκπαιδευτικού λογισμικού για την περιβαλλοντική εκπαίδευση</i> (Student's views on ozone as a factor for the design of educational software aimed at environmental education)</p> <p>A. Mandrikas, <u>K. Tampakis</u>, M. Tsilidis, A. Chalkidis, P. Psomiadis, K. Halkia, C. Skordoulis</p> <p>2ο Συνέδριο ΣΠΠΕ (2nd Conference on Environmental school curriculum), 15-17 December, Athens, 2006</p> |
| C6 | <p><i>Εργαστήριο Περιβαλλοντικών Επιστημών για τους φοιτητές του παιδαγωγικού Τμήματος Δημοτικής Εκπαίδευσης του Πανεπιστημίου Αθηνών: Μια πρώτη αποτίμηση</i> (Environmental Science Laboratory for the students of the Pedagogical Department of Primary Education: A first evaluation)</p> <p>A. Mandrikas, P. Psomiadis, K. Kiriakou, <u>K. Tampakis</u>, A. Giolmas</p> <p>7^ο Πανελλήνιο Συνέδριο Περιβάλλοντος ΕΕΦ: <i>Περιβάλλον, Εκπαίδευση & ποιότητα ζωής</i> (7th Panhellenic Environmental Conference of the Greek Physicists Union), 24-26 November, Konitsa, 2006</p> |
| C7 | <p><i>Σχεδιασμός Εκπαιδευτικού Λογισμικού με Αντικείμενο τη Μείωση του Στρατοσφαιρικού Όζοντος</i> (Designing an educational software on the decrease of atmospheric ozone)</p> <p>A. Chalkidis, A. Mandrikas, <u>K. Tampakis</u>, M. Tsilidis, P. Psomiadis, K. Chalkia, C. Skordoulis</p> <p>5ο Πανελλήνιο Συνέδριο ΕΤΠΕ (5th Panhellenic Environmental Conference ETPE), Poster, 5-8 October, Thessalonika, 2006 (http://www.etpe.gr/files/proceedings/22/1234524156_5%20etpe%201082-1085.pdf)</p> |
| C8 | <p><i>Η ιστορική διάσταση της επιστήμης στα εγχειρίδια φυσικών επιστημών κατά το πρώτο μισό του εικοστού αιώνα</i> (The historical dimension of science in science Βυζαντινή Αστρονομία-Συνθέσεις και υπερβάσεις σε textbooks during the first half of the twentieth century)</p> <p>K. Tampakis, C. Skordoulis</p> <p>Τρίτο διεθνές Συνέδριο Ιστορίας της Εκπαίδευσης (Third International Conference on the History of Education), 1-3 October, Patra, 2004 (http://www.elemedu.upatras.gr/eriande/synedria/synedrio3/praltika%2011/skordoulis.htm)</p> |

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| C9 | <p><i>Βυζαντινή Αστρονομία-Συνθέσεις και υπερβάσεις</i> (Byzantine Astronomy – Synthesis and transcendence)</p> <p>P. Psomiadis, <u>K. Tampakis</u></p> <p>Δ' Πανελλήνιο Συνέδριο με διεθνή Συμμετοχή 'Αρίσταρχος ο Σάμιος'(4th Panhellenic Conference 'Aristarchus of Samos'), 17-19 October, Karlovasi, Samos, 2003</p> <p>(http://www.cc.uoa.gr/ptde/journal/greek/aristarchos/14.pdf)</p> |
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Research interests

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| • | History of science education |
| • | The use of history of science in science education |
| • | Cultural and social history of science in the 19th century |