

— Curriculum Vitae —

MANOLIS PATINIOTIS is associate professor of History of Science at the department of History and Philosophy of Science, National and Kapodistrian University of Athens.

EDUCATION

B.Sc. in *Physics*, National and Kapodistrian University of Athens (1990).

M.Sc. in *History and Philosophy of Science and Technology*, National Technical University of Athens (1997).

Ph.D. in *History of Science*, Department of History and Philosophy of Science, National and Kapodistrian University of Athens (2001).

RESEARCH INTERESTS

History of the sciences in the European and the Greek intellectual spaces during the 17th and the 18th centuries.

Scientific discourse and cultural context.

The appropriation of the 18th-century natural philosophy by the scholars of the European periphery.

Applications of computer science in historical inquiry.

FELLOWSHIPS

During the academic year 1996-1997 Manolis Patiniotis was awarded a fellowship by *Ryoichi Sasakawa Young Leaders Fellowship Fund* (Sylff) as a Ph.D. student in History of Science.

During the academic year 2001-2002 he was a postdoctoral fellow at the *Dibner Institute for the History of Science and Technology* (MIT, Cambridge MA). Research project: "The 18th-century natural philosophy and its appropriation by the scholars of the European periphery".

From September 2007 to February 2008 he was a visiting scholar at the *Max Planck Institute for the History of Science*, Berlin. Research project: "Periphery Reassessed: Greek Science in the Eighteenth Century". The research comprised part of Institute's project "The Globalization of Knowledge and its Consequences".

COURSES AND SEMINARS

Undergraduate Courses

Scientific Revolution

Introduction to the Historiography of Science

Greek Science in Modern Years

History of the Sciences and the Techniques in Modern Years (18th – 20th centuries)

Graduate Courses and Seminars

Theory of Science

Science and Technology in the European Periphery

The Sciences during the Enlightenment

Newtonianism

Hellenic Open University Courses

Human and Natural Sciences in Europe

RESEARCH PROJECTS

Hellinonmimon: Laboratory for the Digital Processing of Historical Archives, Department of Philosophy and History of Science, Athens University. *Hellinonmimon* is a digital library consisting of all the philosophical and scientific books and manuscripts written in Greek from 1600 to 1821.

Recording and Evaluating the 19th and Early 20th-Century Industrial Equipment in Greece. National Technical University of Athens, National Research Foundation, and Ministry of Industry.

Transmission of the Scientific Ideas in Greece during the 19th and the Early 20th Century. Department of History and Philosophy of Science, Athens University.

Anthemion. The project aimed at locating, microfilming and digitizing documents concerning the life of the Greek Communities of Istanbul. The records were stored in a database along with the digital reproductions of the original documents and are available for further historical investigation.

Anthemousa: Integrated system of digitization and electronic archiving of image and sound historical resources. This project was a continuation of *Anthemion* and aimed at the completion of the document collection phase in Greece, as well as at the final electronic processing and storing of the documents in the digital library.

Katoptron of Greek Philosophy and Science: Integrated system for the electronic handling and distribution of historical documents related to the Greek philosophy, science, and education from 1453 to 1821. The main aim of the project was the development of an integrated system for the electronic organization of digitized historical resources and records related to the Greek philosophical and scientific thought until the early 19th century. Another aim of the project was the development of an OCR tool for the survey of the original sources and the compilation of the first historical dictionary of Greek scientific and philosophical terminology. Department of History and Philosophy of Science, Department of Informatics and Telecommunications, Athens University.

Networks of knowledge in the European periphery. The project aims at tracing the routes of scientific and philosophical ideas along networks, which connected the scholars of the periphery with places and people who contributed to the initial formulation of these ideas. It covers the period from the 17th through the early 19th centuries and particularly focuses on the countries of Southern Europe.

Historical Index of Hellenic Scientific Terms. The project aims at compiling an index of the scientific terms contained in the Greek philosophical and scientific treatises published in the 17th and the 18th centuries. It takes advantage of the technological know-how acquired in the context of *Hellinominimon* and *Katoptron* projects and aims at furthering their research capabilities.

LIST OF PUBLICATIONS

1. Book

Manolis Patiniotis, *Elements of Natural Philosophy: The Greek scientific thought in the 17th and the 18th centuries*, Gutenberg, Athens 2013. [In Greek]

2. Research Publications

Kostas Gavroglu, Manolis Patiniotis, "The Break That Never Happened: Sciences and Ancient Greek Thought in the Greek Speaking World During the 18th Century", *Synchrone Themata*, 1997, 64: 88-92. [In Greek]

Dimitris Dialetis, Kostas Gavroglu, Manolis Patiniotis, "The Sciences in the Greek Speaking Regions During the 17th and 18th Centuries: The Process of Appropriation and the Dynamics of Reception and Resistance", *Archimedes*, 1999, 2: 41-71.

Manolis Patiniotis, "When Eugenios Voulgaris Prefaces Theofilos Korydalleas", *Neusis, Journal for the History and Philosophy of Science and Technology*, 1999, 8: 171-177. [In Greek]

Manolis Patiniotis, "Geographical books in the Greek intellectual space during the pre-revolutionary period", *Geographies*, 2001, 1: 120-126. [In Greek]

Kostas Gavroglu and Manolis Patiniotis, "Patterns of Appropriation in the Greek Intellectual Life of the 18th Century: A Case Study on The Notion of Time" in Abhay Ashtekar, Robert Cohen, Don Howard, Jürgen Renn, Sahotra Sarkar, Abner Shimony (eds.) *Revisiting the Foundations of Relativistic Physics: Festschrift in Honor of John Stachel*, Kluwer Academic Publishers, Dordrecht 2003, 569-591.

Manolis Patiniotis, "Scientific Travels of the Greek Scholars in the 18th Century" in Ana Simões, Ana Carneiro, Maria Paula Diogo (eds.), *Travels of Learning. A Geography of Science in Europe*, Kluwer Academic Publishers, Dordrecht 2003, 49-77.

Manolis Patiniotis, "Dissecting eternity: The concept of time in Eugenios Voulgaris's natural philosophy", *Deucalion, A Journal for Philosophical Research and Critique*, 2004, 22: 95-125. [In Greek]

Manolis Patiniotis, "On the occasion of an utopian encounter. Towards the formulation of an historiographic program in history of science" in the proceedings of the 10th scientific meeting of the Department of Philology, Aristotelian University of

- Thessaloniki *The multiple patterns of past. Investigations in cultural history and literary theory*, University Studio Press, Thessaloniki 2004, 349-360. [In Greek]
- Manolis Patiniotis, "Kyrillos Loukaris' *Pestifarae Questiones* and the emergence of Theophilos Korydaleas' philosophical program" in the proceedings of the conference *Byzantium-Venice-Modern Hellenism. A Wandering in the World of the Greek Scientific Thought* (edited by G.N. Vlachakis and Th. Nikolaïdis), National Research Foundation, Athens 2004, 211-244. [In Greek]
- Manolis Patiniotis, "Documents from the life of the Greek Communities of Constantinople: The archives of Patriarchal Academy" in the proceedings of the Scientific Symposium *Patriarchal Academy of Constantinople: History and Contribution*, Greek Society for the Study of Near East, Athens 2004, 301-321. [In Greek]
- Manolis Patiniotis, "Aristarchus of Samos and Copernicus: The story of a note" in A. Sfoini, *Summer meetings of Samos*, Aegean Museum of Natural History – K. & M. Zimalis foundation, Athens 2004, 13-25. [In Greek]
- Manolis Patiniotis, "Elective affinities: Eugenios Voulgaris and Theophilos Korydaleas", *Bulletin of the Reading Society of Corfu*, 2004, 26: 27-78. [In Greek]
- Manolis Patiniotis, "Textbooks at the Crossroads: Scientific and philosophical textbooks in 18th century Greek education", *Science and Education*, 2006, 15: 801-822.
- José Ramón Bertomeu-Sánchez, Antonio García-Belmar, Anders Lundgren, & Manolis Patiniotis (editors), *Scientific and Technological Textbooks in the European Periphery*, *Science and Education*, 2006, 15, special issue. The volume contains the following papers:
- Antonio Garcia-Belmar, José Ramón Bertomeu-Sánchez, Anders Lundgren, & Manolis Patiniotis, "Introduction: Scientific and Technological Textbooks in the European Periphery", pp. 657-665.
- Bernadette Bensaude Vincent, "Textbooks on the Map of Science Studies", pp. 667-670.
- Ana Carneiro, Maria Paula Diogo, & Ana Simões, "Communicating the New Chemistry in 18th Century Portugal: Seabra's *Elementos de Chimica*", pp. 671-692.
- José Ramón Bertomeu-Sánchez & Antonio García-Belmar, "Pedro Gutiérrez Bueno's Textbooks: Audiences, Teaching Practices and the Chemical Revolution", pp. 693-712.
- Raffaella Seligardi, "Views of Chemistry and Chemical Theories: A Comparison between Two University Textbooks in the Bolognese Context at the Beginning of the 19th Century", pp. 713-737.
- Anja Skaar Jacobsen, "Propagating Dynamical Science in the Periphery of German *Naturphilosophie*: H. C. Ørsted's Textbooks and Didactics", pp. 739-760.
- Anders Lundgren, "The Transfer of Chemical Knowledge: The Case of Chemical Technology and its Textbooks", pp. 761-778.
- Gábor Palló, "Encyclopedia as Textbook", pp. 779-799.
- Manolis Patiniotis, "Textbooks at the Crossroads: Scientific and Philosophical Textbooks in 18th Century Greek Education", pp. 801-822.
- Georgia Petrou, "Translation Studies and the History of Science: The Greek Textbooks of the 18th Century", pp. 823-840.
- Irina Gouzevitch, "The Editorial Policy as a Mirror of Petrine Reforms : Textbooks and Their Translators in Early 18th Century Russia", pp. 841-862.
- Kathryn M. Olesko, "Science Pedagogy as a Category of Historical Analysis: Past, Present, and Future", pp. 863-880.
- Manolis Patiniotis (editor), *Nation, Science, Identities. Historiography of Science in the European Periphery*, *Neusis*, 2006, 15, special issue. The volume contains the following papers: [In Greek]
- Manolis Patiniotis, "Nation, Science, Identities. Historiography of Science in the European Periphery", pp. 3-16.
- Ana Simões, Ana Carneiro, Maria Paula Diogo, "Issues in the Historiography of Science in Portugal. A look from the standpoint of four 20th century types of sources", pp. 17-39.
- Berna Kılınc, "History of science as a civilizational project", pp. 40-49.
- Agustí Nieto-Galan, "The history of science in Spain: Imperial past, peripheries and the making of the

modern state”, pp. 50-74.

Ernst Homburg, “Boundaries and audiences of national histories of science: Insights from the history of science and technology of the Netherlands”, pp. 75-109.

Manolis Patiniotis, “Pious Science. Newton in the Orthodox Orient of the 18th century” in the proceedings of the conference *Orthodoxy, Nation and Ideology*, Moraitis School, Athens 2007, 63-81. [In Greek]

Manolis Patiniotis, “Periphery Reassessed: Eugenios Voulgaris Converses with Isaac Newton”, *British Journal for the History of Science*, 2007, 40: 471-490.

Kostas Gavroglu, Manolis Patiniotis, Faidra Papanelopoulou, Ana Simões, Ana Carneiro, Maria Paula Diogo, José Ramón Bertomeu Sánchez, Antonio García Belmar, Agustí Nieto-Galan, “Science and Technology in the European Periphery: Some historiographical reflections”, *History of Science*, 2008, xlvi: 153-175.

Manolis Patiniotis, “Origins of the Historiography of Modern Greek Science”, *Nuncius*, 2008, 23: 265-289.

Manolis Patiniotis, Barbara Spyropoulou, “‘Της εντελεχούς μελέτης το μοχθηρόν και επίπονον’. The translator Eugenios Voulgaris” in the proceedings of the International Scientific Conference *Eugenios Voulgaris* (edited by E. Angelomati-Tsougaraki), Ionian University-Kanakis Editions, Athens 2009: 347-366. [In Greek]

Manolis Patiniotis, “Eclecticism and Appropriation of the New Scientific Methods by the Greek-speaking Scholars in the Ottoman Empire” in Feza Günergun, Dhruv Raina (eds.), *Science between Europe and Asia: Historical Studies on the Transmission, Adoption and Adaptation of Knowledge*, Springer, Dordrecht-Heidelberg-London-New York 2011, 193-206.

Manolis Patiniotis and Kostas Gavroglu, “The Sciences in Europe: Transmitting centers and the appropriating peripheries” in Jürgen Renn (ed.) *The Globalization of Knowledge in History*, Max Planck Research Library for the History and Development of Knowledge, Studies 1, Berlin 2012 (Edition Open Access), 321-343.

Manolis Patiniotis, “Between the local and the global: History of science in the European periphery meets post-colonial studies”, *Centaurus*, 2013, 55: 361–384.

Pedro M. P. Raposo, Ana Simões, Manolis Patiniotis and José Ramón Bertomeu-Sánchez, “Moving Localities and Creative Circulation: Travels as Knowledge Production in 18th-Century Europe”, *Centaurus*, 2014, 56: 167–188.

Manolis Patiniotis and Kostas Gavroglu, “The Reception of Newtonianism in the Greek-speaking regions of the 18th century” in Scott Mandelbrote and Helmut Pulte (eds.), *The Reception of Isaac Newton in Europe*, Continuum (forthcoming).

3. Entries in Encyclopedias and Dictionaries

“Rigas Velestinlis” (1998), “Eugenios Voulgaris” (2001) and “Nikiforos Theotokis” (2001): Biographical entries for the digital library of Greek philosophical and scientific books *Hellinonmimon*. [In Greek]

“Ludwig Boltzmann” (2003): Biographical entry in the *Oxford Companion to the History of Modern Science* (edited by J.L. Heilbron), Oxford University Press, Oxford-New York, pp. 105-106.

“Newtonianism” (2005): Entry in the *New Dictionary of the History of Ideas* (editor in chief: Maryanne Horowitz), Charles Scribner's Sons, Detroit, vol. 4, pp. 1632-1638.

4. Book Reviews

- Celina A. Lértora Mendoza, Efthymios Nicoláidis and Jan Vandersmissen (editors), *The Spread of the Scientific Revolution in the European Periphery, Latin America and East Asia*. Proceedings of the XXth International Congress of History of Science (Liège, 20-26 July 1997), volume V. Turnhout, Belgium: Brepols Publishers, 2000. *Annals of Science*, 2003, 60: 455-458.
- “New trends in the historiography of science” in *Avgi* newspaper, section “Readings”, 29/01/2006. Pre-publication from the special issue of the journal *Neusis*, devoted to “Nation, Science, Identities: The historiography of science in the European periphery”. [In Greek]
- “In the mind of Einstein” in *To Vima* newspaper, section “Books”, 2/7/2006. Presentation of the collection *Einstein and the Relativity: Historical Studies*, edited by T. Arabatzis and K. Gavroglu, Heraklion, Crete: Crete University Press, 2006. [In Greek]
- Ekmeleddin Ihsanoğlu, *Science, Technology and Learning in the Ottoman Empire. Western influence, local institutions, and the transfer of knowledge*, Aldershot, Hampshire: Ashgate, Variorum Collected Studies Series, 2004. *Nuncius*, 2006, 21: 435-436.
- “Were the Middle Ages dark ages?” in *Avgi* newspaper, section “Readings”, 21/01/2008. Presentation of Pierre Duhem’s book, *Σώζειν τα Φαινόμενα* (translated and edited by Dimitris Dialetis and Yiannis Christianidis), Athens: Nefeli, 2007. [In Greek]
- “Smoking and the Enlightenment” in *Avgi* newspaper, section “Readings”, 3/4/2011. Reflections drawing on Isaiah Berlin’s book *The Crooked Timber of Humanity*, (translated by G. Mertikas, edited by G. Lykiardopoulos), Athens: Kritiki, 2004. [In Greek]
- Avner ben-Zaken, *Cross-Cultural Scientific Exchanges in the Eastern Mediterranean, 1560-1660*, Baltimore: The Johns Hopkins University Press, 2010. *ICON: The Journal of the International Committee for the History of Technology*, 2012, 18: 235-237.

5. Other Publications

- Co-author of *Teacher’s Supplement* for the secondary school course of “History of Science and Technology”, Ministry of Education and Religious Affairs, The Education Research Centre, Athens 2000. [In Greek]
- Manolis Patiniotis, “Newton and Newtonianism in eighteenth-century Europe” in the collection of essays *Texts in History and Philosophy of Science* for the use of the degree level students of “European Civilization” program, School of Humanities, Hellenic Open University, Patras 2008, 39-54. [In Greek]
- Manolis Patiniotis, “Aristotelianism in Galileo’s time” in the collective volume *Galileo’s Trial*, *Eleftherotypia* newspaper (Sunday edition), Athens 2011, 53-74. [In Greek]
- Manolis Patiniotis, “Logical Positivism” in A. Baltas, K. Stergiopoulos (eds.), *Philosophy and Sciences in the twentieth century*, Crete University Press, Heraklion 2013, 229-251. [In Greek]

MISCELLANEA

Member of The British Society for the History of Science, The History of Science Society (U.S.A.) and the European Society for the History of Science

Foundational member of the international research group S.T.E.P. (Science and Technology in the European Periphery). S.T.E.P. is devoted to the History of Science and Technology and its main focus is the study of the circulation of scientific knowledge between European centers and peripheries from the 16th to the 19th centuries. The group was founded in May 1999, in Barcelona, and brings together researchers and university teachers from Denmark, Sweden, Finland, Russia, Turkey, Greece, Italy, Spain, Portugal, Belgium, Ireland and other countries.

