

# CURRICULUM VITAE

## Basil / Vasileios Evangelidis

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### PUBLICATIONS

- 2021** "Quantum logic as reversible computing." Lecture at the Congrès 2021 de la *Société de Philosophie des Sciences* – Université Mons (Belgique) – 08<sup>th</sup>-10<sup>th</sup> September 2021.
- 2021** "Lucretius on the swerve and free-action." *Ancient Philosophy Society*. Lecture at the 20<sup>th</sup> Annual Independent Meeting. 10<sup>th</sup>-12<sup>th</sup> June 2021.
- 2020** "The logical relation of consequence." *Humanities Bulletin* 3(2): 77-90.
- 2020** *Reason, causation and compatibility with the phenomena*. Delaware: Vernon Press.
- 2018** "Space and Time as Relations: The Theoretical Approach of Leibniz." *Philosophies*, 3(2), 9; doi:10.3390/philosophies3020009.
- 2018** "Dirac on quantum vacuum and scientific realism." Lecture at the International Summer School *Particle Physics at the Crossroads; Interdisciplinary Perspectives on the Past, Present and Future of Particle Physics*. 23-30 July 2018, Wuppertal.
- 2017** "The Petroleum Pioneers in the Age of the Illumination". Lecture at the *25th International Congress of History of Science and Technology* in Rio de Janeiro, Brazil, on 28th July 2017.
- 2016** *Landmarks in the History of Science: Great Scientific Discoveries from a Global-Historical Perspective*. Delaware: Vernon Press.
- 2015** "The Age of Global Sail: Ships, Pilots and Cosmographers" [Lecture at the Workshop *Sea ships – evidence for cultural exchange in global historical perspective*, German Maritime Museum, 16-17 January 2015, Bremerhaven].
- 2015** "Centers, Peripheries and Technical Progress." *Global Humanities – Studies in Histories, Cultures, and Societies*, 1.
- 2015** "Science, Technology, and Society during the Great Oceanic Discoveries." [Workshop *Ozeane: Grenzen, Interaktionen, Konflikte, Interdisziplinäre Zugänge*, 17-18 April 2015 Universität Wien].
- 2014** *Sparkling, Plowing and Urbanizing. Technology and Community Life in Greece*. Saarbrücken: Lambert.
- 2014** "The Children of the Other: From Marginalization to Inclusion." *Journal of Education and Literature*, 1 (2): 49-59.
- 2013** "Mobility for the Mainland: The Contribution of the Railway to the Emergence of the Age of Speed", *Historical Research Letters*, 7: 6-15.

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**2013** “The interaction between Technology and Rural Society (1950-1980)”. [Lecture at the 2<sup>nd</sup> Conference of the Society for the Study and Dissemination of Science and Technology (EMΔIET), March the 30<sup>th</sup>, 2013, Athens, Greece].

**2013** “The Technology in Metaxas Period (1936-1940)”. [Announcement at the Conference: The 4<sup>th</sup> August Regime and the Greek Society, Social History Forum, September the 27<sup>th</sup>, 2013, Athens, Greece].

**2012** “The ‘International Treasury’ and ‘The Gold Standard.’ A view on the regulation of the international financial sphere in the interwar period and after the Second World War.” *Theses*.

**2012** *Technological Networks in Rural Environment (1950-1980)*. Ph.D. Thesis, National Technical University of Athens.

**2008** *History of Railways as Large Technical Systems*. Master Thesis, University of Athens and National Technical University of Athens.

**2006** *Anthology of ancient Greek authors* (in Greek). Athens: Giourdas. ISBN: 9789603875420.

**1998** Participation in the edition of the book *Historical Industrial Machinery* by the National Research Institute, Greece.

## BOOK and ARTICLE REVIEWS

**2021** *The Challenges of Constructing a Theory of Scientific Change: Proceedings of Scientonomy Conference 2019*, edited by Hakob Barseghyan, Paul Patton, Greg Rupik, and Jamie Shaw. Wilmington: Vernon Press.

**2021** “Delphi in a State of War (460 BC- 404 BC)”, by Adil Calap. *Cogent Social Sciences*, Taylor & Francis Group.

**2019** “Lakatos Revisited: Innovation and ‘Novel Facts’ as a Foundational Logic for the Social Sciences in an Era of ‘Post-Truth’ and Pseudoscience,” by Chris William Callaghan. *Cogent Business & Management*, Taylor & Francis Group.

**2019** “Natural and Manmade Patterns: Buildup/Breakdown Cycles, Strata, and War,” Harold Toliver.

**2017** *The Origins of Liberty*, by Alexander Zistakis. Wilmington: Vernon Press.

**2015** *Einstein for Anyone: A Quick Read*, by David Topper. Wilmington: Vernon Press.

## EDUCATION

**2019-20** Degree in Mathematics and Informatics at FernUniversität in Hagen, Germany

**2017-18** Master in Philosophy and History of the Science at Leiden University

**2012-13** Master in Special Education at Liverpool John Moores University

**2008-12** PhD in the Philosophy and History of Science at the University of Athens & the National Technical University of Athens

**2006-08** Master degree in History and Philosophy of Science and Technology at the University of Athens & National Technical University of Athens

**1994** Bachelor in Philosophy and Pedagogic at Aristotelian University of Thessaloniki

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## CAREER PATH

- 2014-2021** Author, reviewer and editor; book publishing with Vernon Press, Taylor & Francis etc.
- 2020-2021** Educational assistant at *Haus Josia*, Bad-Hersfeld, Hesse, Germany
- 2019-2020** Pedagogue at *Hessischen Erstaufnahme Einrichtung* in Rotenburg an der Fulda
- 2018-2019** Educational assistant at *Jugendhaus Domäne – Psych Care*, Eschwege
- 2016-2018** Educational assistant at *Christlichen Jugenddorfwerk Deutschlands*, Hanau
- 2015-2016** Educational assistant at *Caritas Alveni Clearinghaus*, Munich
- 2009-2012** PhD Fellow Researcher at the *National Technical University of Athens*
- 2010** Teacher at the *Special Vocational Education Laboratory* at Neo Iraklion, Athens
- 2006** Teacher at the Reception Programme of the 1<sup>st</sup> and 10<sup>th</sup> *Primary Schools* of Nea Smirni, Athens: integration and educational assistance in language acquisition of immigrant pupils

## LANGUAGES

English: Fluently (speaking, reading and writing); Greek: Fluently (mother language); German: Fluently; French: Good; Italian, Russian, Latin und Dutch: Basic Knowledge

## RESEARCH

- 1997-99** Research in the program *Hellenomnemon*, on the digitalization of books and manuscripts of the European Enlightenment
- 1995-97** Research in the program *Inventory and valuation of historic industrial equipment* at National Research Institute and National Technical University (Greece).

## PROFESSIONAL ACTIVITIES, MEMBER OF

- Société de Philosophie des Sciences
- Philosophy of Science Association
- Ancient Philosophy Society
- The Society for the History of Technology
- Society for the Social Studies of Science
- European Association for the Study of Science and Technology
- Petroleum History Institute
- The Institute of Electrical and Electronics Engineers, Inc.

### List of courses and research projects

- Ancient Greek Philosophy: *On the intimacy (οἰκεῖον) of the platonic forms*; Parmenides and the origins (Plato; Heidegger; Gadamer); Aristotle (Brentano); Plato (Gadamer); *Alexander of Aphrodisias on Determinism, Causation and the Universe*; and Roman Theoretical Philosophy: Lucretius (Serres), *Lucretius on the swerve and free-action*; Seneca (Gadamer).
- Logic. Theory of consequence: *The logical relation of consequence*, from ancient, medieval and Christian Philosophy to the present. Logical validity. Natural deduction. *Introduction to Symbolic Logic*. Relational logic: *Relational logic and classical syllogism*; *From learning algorithms to reversible logic*; *Quantum logic as reversible computing*.
- Philosophy of Science. *Conceptions of Truth and Evidence*. *Philosophy and history of science and technology*. *Philosophy of physics: spacetime (Leibniz, Newton, Einstein)*. *Philosophy of atomism; responsibility and free-will*. *History and Philosophy of Medicine*. *Philosophy of Biology*.
- Epistemology. *Reason, causation and the phenomena*. *History and Philosophy of Medicine*.
- *Introduction to Ethics* (normative ethics, metaethics) and applied ethics: *Ethics by Design and Quantum technology ethics*. AI ethics: *Levels of abstraction, uncertainty and opacity in AI*. *Genetic heritage and entirely programmed birth*; *Cybernetic organisms and anthropotechnie*.
- Analytic Philosophy. Wittgenstein's TLP: *picture theory of meaning, logical atomism, truth tables*.
- *Introduction to the Philosophy of Mind*. Mind-Body supervenience, Descartes's Dualism, Behaviorism, Identity Theory, Consciousness, Mental Causation, Intentionality, Free Will, Emotions, Other Minds, The Self, The Soul, Cognition, Neuroscience, Computation. *Plant cognition*.
- Philosophy of Language, Ambiguity, Vagueness, Connotation, Denotation, Conventional Meaning, Correspondence Theory, Language Games, Langue, Parole, Names, Ordinary Language, Private Language, Propositions, Propositional Attitudes, Relevance Theory, Sense, Reference, Signs, Semiotics, Type, Token, Universal Grammar, Use, Mention.
- History of Philosophy. *Introduction to ancient Philosophy*. *Kantian Epistemology, Philosophy of History and Ethics*. *Introduction to Hermeneutics and Phenomenology*. *Experience and objective thought in Merleau-Ponty: the problem of the body*.
- Philosophy of History. Future of Humanity. Philosophical foundations.
- History of Science. *An Introduction to Ancient Greek Science*; *The Atomist and Epicurean Model of the Heavens*; *Hippocrates and his successors*; *Science, Technology and Society during the Great Oceanic Discoveries*; *Early modern Material Science*; *The petroleum pioneers*.
- Philosophy of Technology: *Tools and machines as information and energy resources*; nature and technology; individual and technical mentality. *Tools and machines as weapons*. *Space exploration for the benefit of all humans*. *Technique as a phenomenon of life*. *Technique and interaction between humans and machines*. *Organism, vitalism and mechanism*.
- *Introduction to Artificial Intelligence*. AI and philosophy of mind. Transparency and surveillance. AI capabilities. Governance of AI.