

CURRICULUM VITAE

Vasiliki Christine Christopoulou

Date and Place of Birth: 30/11/1982, Brighton, U.K.

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Education

- 11/2023 : PhD in History of Science. Department of History and Philosophy of Science, National and Kapodistrian University of Athens. Thesis Title: *Methodological Approaches and the Role of Experiment in the Work of Lord Rayleigh*. Supervisor: Professor Theodore Arabatzis.
- 12/2016: M.A. in *History and Philosophy of Science and Technology*. National and Kapodistrian University of Athens and National Technical University of Athens.
- 08/2014: M.Sc. in *Physics and Technological Applications*. National Technical University of Athens.
- 07/2008: 5-Year Diploma in *Applied Mathematical and Physical Sciences*. National Technical University of Athens.

Work and Academic Experience

- 2019-06/2026: Physics Teacher at Secondary School Education.
- 02/2025 -06/2025: Teaching Fellow in the Department of Pedagogy at the National and Kapodistrian University of Athens.
- 2019-2024: Member of the research project “PYTHIA” (The Perils of Prediction in the Physical Sciences: Historical and Epistemological Perspectives), funded by the Hellenic Foundation for Research and Innovation (H.F.R.I.). Principal Investigator: Professor Theodore Arabatzis.
- 2015-2018: Design and Delivery of Tutoring Sessions. Educational Program in Physics at the Aikaterini Laskaridis Foundation.
- 2014-2016: Member of the research group “Critique of Science”.
- 2004: Funded Internship in “CAST experiment”. National Centre for Scientific Research “Demokritos”.

Distinctions

- Doctoral Scholarship from the State Scholarships Foundation (IKY), 2018-2021.
- One-time Scholarship to students with the best scores in the entry exams to higher education institutions. State Scholarships Foundation (2000).

Publications

- Christopoulou, V., Arabatzis, T. (2024). From the Determination of the Ohm to the Discovery of Argon: Lord Rayleigh's Strategies of Experimental Control. In: Schickore, J., Newman, W.R. (eds) *Elusive Phenomena, Unwieldy Things*. Archimedes, vol 71. Springer, Cham. https://doi.org/10.1007/978-3-031-52954-2_9
- Christopoulou, V. (2025). Prediction and its Epistemic Value in the Natural Sciences of the 19th century. *Neusis*, 31(1). <https://doi.org/10.12681/nef.41001>

Presentations

- Christopoulou V. "Physics and the School Laboratory: Questioning and Inquiry or Concensus and Social Acceptance?" 5th Conference of Critical Education, 2-5 July 2025, Thessaloniki, Greece.
- Arabatzis T., Christopoulou V. "Perspectivism meets the history of the electron" 27th International Congress of History of Science and Technology, 29 June- 5 July 2025 New Zealand.
- Christopoulou V. "Error Analysis and Critical Thinking: Edward Pickering's Scientific Approach to Thought-Transference," 2nd European Regional History Philosophy and Science Teaching Conference, 27-29 June 2025, Athens, Greece.
- Christopoulou V. "Prediction in late-nineteenth century physics: the case of dynamical similarity in Rayleigh's work," symposium *The Shifting Values of Prediction* in 2nd Conference of the International Academy of the History of Science, 12-15 September 2023, Athens, Greece.
- Christopoulou V., Arabatzis T., "From the Determination of the Ohm to the Discovery of Argon: Lord Rayleigh's strategies of experimental control", Conference "Control in Historical and Systematic Perspectives, 2-5 March 2022, Indiana University Bloomington.
- Christopoulou V. "Precision measurements in the determination of Ohm", 2nd ESHS Early Career Scholars Conference, 20-22 September 2021, Athens, Greece.
- Christopoulou V. "Accuracy and error in Lord Rayleigh's teamwork", 26th International Congress of History of Science and Technology, 25-31 July 2021, Prague, Czech Republic.
- Christopoulou V. "From Dimensions to Physical Laws: Lord Rayleigh's Dimensional Approach to Prediction", 1st International Workshop PYTHIA, 18-19 March 2021, Athens, Greece.
- Christopoulou V. "Lord Rayleigh versus Werner von Siemens on the determination of the Ohm," 1st Conference of the International Academy of the History of Science, 12-15 September 2019, Athens, Greece.

- Alexakis S., Chordaki E., Christopoulou V., Gavroglu K., Lazopoulou A., Papalexis A. (2015), “Constructing Utopias as Strategies for Legitimation in the Sciences,” International Conference “Utopian Imaginaries: Past, Present and Future”, Universidad Autónoma de Madrid, Spain.
- Alexakis S., Chordaki E., Christopoulou V., Gavroglu K., Lazopoulou A. (2016), “An Historical Approach to Experiment in the Educational Process” (in Greek), 9th Panhellenic Conference of History, Philosophy and Didactics of Natural Sciences, Athens, Greece.

Workshops and Seminars

- “Universals’ Locales: The International and Global History and Sociology of Modern Theoretical and Mathematical Sciences,” 8-9 January 2020, Edinburgh, Scotland.
- “Whiggism in the History of Science,” Doctoral Seminar with Prof. Michael Gordin and Theodore Arabatzis, Princeton Athens Center.

Languages

- English: Excellent (C2 CPE)
- French: Good (B2 DELF)