

Vanessa Seifert



Marie Curie Postdoctoral Fellow

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Google scholar:

<https://scholar.google.com/citations?user=Wlrlnh4AAA&hl=en> (citations: 41 , h-index: 4, i10-index: 1)

SCOPUS:

<https://www.scopus.com/authid/detail.uri?authorId=57702974400>

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EDUCATION

- ...1.. MEng Chemical Engineering, National Technical University of Athens, Grade: GPA 2:1 (7.66/10)
Dissertation: Energy-saving measures on buildings: Financial and Cost-Benefit Analysis
- ...2..... MSc Philosophy of Science, LSE, Dissertation: On the universality and ambiguity of the 2nd law of thermodynamics
- ...3.... PhD in Philosophy, University of Bristol, Thesis title: A Philosophical Analysis of the Relation between Chemistry and Quantum Mechanics: the case of a single inert molecule

RESEARCH FIELDS

General issues in Philosophy of Science: Reduction, Emergence, Scientific Realism, Models & Idealisations, Feminist Philosophy of Science
Metaphysics of Science: Laws, Causation, Natural kinds, Metaphysics of relations
History and Philosophy of Chemistry: Chemical bonds, Quantum chemistry, Molecular structure

EDUCATIONAL EXPERIENCE

UNDERGRADUATE COURSES

- Feminist philosophy of science, elective, Dept. of History and Philosophy of Science, University of Athens
- Modern Philosophy, elective, Dept. of History and Philosophy of Science, University of Athens
- Special issues in philosophy of science, elective, Dept. of History and Philosophy of Science, University of Athens
- Introduction to Philosophy A, mandatory, Philosophy Dpt., Bristol University
- Introduction to Metaphysics, mandatory, Philosophy Dpt., Bristol University
- Realism and Normativity, mandatory, Philosophy Dpt., Bristol University
- Introduction to Philosophy B, mandatory, Philosophy Dpt., Bristol University
- Philosophy of Physics , elective, Philosophy Dpt., Bristol University

GRADUATE COURSES

- Dept. of Chemistry, DIXINET-EAA, Philosophy of Science

DISCRIMINATIONS / SCHOLARSHIPS

- Marie Skłodowska-Curie Post-Doctoral Fellow, Project 'CREACAL: Chemical reactions as Causes and Laws'
- SHAC Award 2022 (Subject Development award from the Society for the History of Alchemy and Chemistry)
- PSA2018 Travel Grant, Philosophy of Science Association, USA
- Jacobsen Studentship, The Royal Institute of Philosophy
- Darwin Trust of Edinburgh Postgraduate Studentship

RESEARCH GRANTS

- CReaCaL: Chemical Reactions as Causes and Laws / Stathis Psillos/ Marie Skłodowska-Curie Actions European Commission / 150.000/ 24 months
- NoMoS: Laws and Powers in the Metaphysics of Science/ Stathis Psillos/ ELIDEK / 150.000/ 12 months
- MetaScience: The Metaphysical Unity of Science/ Tuomas Tahko/ HORIZON 2020 research and innovation programme, grant agreement No 771509, European Research Council/ 26 months

REVIEWER OF SCIENTIFIC JOURNALS

Perspectives on Science, Foundations of Chemistry, Studies in History and Philosophy of Modern Physics, Analysis, Ergo, Journal for General Philosophy of Science, Chemistry-a European Journal, European Journal for the Philosophy of Science, Journal of Chemical Education, Synthese, Philosophical Studies, Interdisciplinary Science Reviews, Philosophy of Science

EDITOR OF BOOKS AND SPECIAL VOLUMES

The Metaphysics of Chemistry, Elements in Metaphysics Series (Cambridge: Cambridge University Press) (to be published in 2023)

ADDITIONAL INFORMATION

Presentations at conferences: **(selection)**) Helsinki Philosophy (TINT): Perspectives on Science seminar, University of Helsinki, 2023/ Cardiff Philosophy Visiting Speakers, Cardiff University, 2022/ Emergence and Reduction in Science and Metaphysics, University of Lisbon, 2022/ Seminar on Metaphysics of Science (CEFISES), UC Louvain/ Harvard Foundations of Physics Mini-workshop on the Quantum Measurement Problem και Ομιλία τραπέζης μαζί με Lev Vaidman, David Chalmers & Kelvin McQueen, 2021/ Department of Chemistry Weekly Seminar, Ben-Gurion University of the Negev, 2021/ ADHOC Association for the Discussion of the History of Chemistry, University of Cambridge, 2020/ PHASE-chimie Philosophie, Histoire, Anthropologie, Sociologie et Epistémologie de la Chimie, University Paris 7, 2019

SELECTED PUBLICATIONS (link OF PUBLICATIONS)

<https://www.journals.uchicago.edu/doi/10.1086/715148>

<https://www.cambridge.org/core/journals/philosophy-of-science/article/chemical-bond-is-a-real-pattern/32016AD6358F5C350336064877B45FAF#:~:text=That%20chemical%20bonds%20are%20real%20patterns%20is%20justified%20by%20the,bonds%20are%20understood%20in%20science.>

https://link.springer.com/chapter/10.1007/978-3-030-98373-4_6

<https://link.springer.com/article/10.1007/s13194-020-00308-7>

<https://link.springer.com/article/10.1007/s10698-019-09342-7>

<https://link.springer.com/article/10.1007/s10698-017-9285-4>

<https://philpapers.org/rec/SEIRTC-2>