VINCENZO POLITI
Curriculum Vitae
April 16th 2022

CEHIC - Centre d'Història de la Ciència
Facultat de Ciències - Campus de la UAB
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EDUCATION

Academic Education

March 2015: **PhD (Doctoral degree) in Philosophy**, University of Bristol (Bristol, UK). Title of the thesis: "Lexicon and Scientific Change". Supervisor: prof. Alexander Bird. Internal examiner: prof. Andrew Pyle. External examiner: prof. John Preston.

November 2009: **MSc in History and Philosophy of Science**, London School of Economics (London, UK). Exams: Philosophy of Science; Philosophical Foundations of Physics; Objectivity, Evidence, and Scientific Method. Title of the dissertation: "Incommensurability or Incommensurabilities?" Tutor: prof. Miklós Redéi. Final mark: first-class honor distinction (1:1).

April 2005: **Master degree in Philosophy**, Università di Roma La Sapienza (Rome, It). Title of the dissertation: "Reality, Rationality, and History in Ian Hacking's Philosophy". Relatore: dr. Adele Morrone. Controrelatore: prof. Nunzio Allocca. Final mark: 110/110 *cum laude.*

Further Training

2020: Responsible Research and Innovation Course, Digital Life Norway, Trondheim (Norway)**.**
2018: "Science and Ethics in the pharmaceutical markets: clinical trials and disease trafficking", held by Visiting Professor David Teira (UNAM, Mexico).

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ACADEMIC APPOINTMENTS

April 2022 - ongoing: **Beatriu de Pinós Fellow**, Centre for the History of Science, Universitat Autònoma de Barcelona (Spain)

September 2020 - March 2022: **Postdoctoral Researcher**, Department of Medicine of the University of Oslo (Oslo, Norway)**.** Project**: "**PINpOINT – Screening of cancer drug sensitivity data to predict cancer therapies". WP: "Analysis of ethical thinking in biomedical research for targeted cancer therapies". Supervisors: prof. Anna Smajdor (Department of Philosophy) and prof. Arnoldo Frigessi (Department of Medicine)

October 2019 – December 2019: **Postdoctoral Researcher,** Department of Philosophy of Université Jean Moulin- Lyon 3 (Lyon, France). Project: "PartiSCiP - Sciences Participatives". Supervisor: prof. Stéphanie Ruphy

September 2018 – August 2019: **Postdoctoral Researcher**, Commissariat à l'Énergie Atomique (Paris-Saclay, France). Project: European Commission Horizon-2020 project "RRI-Practice". Supervisor: prof. Alexei Grinbaum

March 2017 – August 2018: **Postdoctoral Researcher**, Instituto de Investigaciones Filosóficas, Universidad Nacional Autónoma de México (Mexico City, Mexico). Project: "Scientific Change at the Inter-Field Level". Supervisor: prof. Atocha Aliseda

January 2014 – February 2017*:* **Lecturer in Philosophy**, Department of Philosophy, University of Bristol (Bristol, UK)

PUBLICATIONS

Original Research Articles in International Peer-Reviewed Journals

1. Politi, V. 2021. "Formal models of the scientific community and the value-ladenness of science", *European Journal for Philosophy of Science* 11**,** 97 https://doi.org/10.1007/s13194-021-00418-w

2. Politi, V. 2020. "Taxonomies, conceptual networks, and lexicons: a study on Kuhn's post-'Linguistic Turn' philosophy", *International Studies in the Philosophy of Science* 33: 87-103. DOI: https://doi.org/10.1080/02698595.2020.1865784

3. Politi, V. and Grinbaum, A. 2020. "The Distribution of Ethical Labor in the Scientific Community". *Journal for Responsible Innovation* 7: 263-279. DOI: https://doi.org/10.1080/23299460.2020.1724357

4. Politi, V. 2019. "The Interdisciplinarity Revolution". *Theoria: an international journal for theory, history and the foundations of science* 34: 237-242, special issue: "Questions about Science", Politi, V. (Ed.). DOI: https://doi.org/10.1080/23299460.2020.1724357

5. Politi, V. 2019 "Would my life still be meaningful? Intersubjectivism and changing meaning in life". *Human Affairs* 29: 462-469. DOI: https://doi.org/10.1515/humaff-2019-0041

6. Politi, V. 2019. "Specialization and the incommensurability among scientific specialties", *Journal for General Philosophy of Science* 50: 129-144. DOI: https://doi.org/10.1007/s10838-018-9432-1

7. Politi, V. 2018. "Revolutions, specialization and the discovery of the structure of DNA: toward a new picture of the development of the sciences", *Synthese* 195: 2267–2293. DOI: https://doi.org/10.1007/s11229-017-1339-6

8. Politi, V. 2017. "Specialization, Interdisciplinarity, and Incommensurability", *International Studies in the Philosophy of Science* 31: 301-317. DOI: https://doi.org/10.1080/02698595.2018.1463697

Book Reviews and Critical Notices

9. Politi, V. 2022. "Kuhn's normal scholarship", Review of Wray, B. (Eds.) (2021) *Interpreting Kuhn*. Cambridge University Press. *Metascience* (forthcoming). https://doi.org/10.1007/s11016-022-00750-8

10. Politi, V. 2020. "Thomas Kuhn, the American philosopher", Review of Mladenovic, B. (2017) *Kuhn's Legacy: Epistemology, Metaphilosophy, and Pragmatism.* Columbia University Press. *Metascience* 28: 69-72. https://doi.org/10.1007/s11016-018-0348-5

11. Politi, V. 2019. "Out of the frame", Review of Riis, S. (2018) *Unframing Martin Heidegger's understanding of technology*, Lexington Books. *Metascience* 28: 313-316. DOI: https://doi.org/10.1007/s11016-019-00408-y

12. Politi, V. 2015. "Natural Kinds, Causes and Domains: Khalidi on how science classifies things", Review of Khalidi, M. (2013) *Natural Categories and Human Kinds*, Cambridge University Press. *Studies in History and Philosophy of Science Part A* 54: 132-137. DOI: https://doi.org/10.1016/j.shpsa.2015.09.008

Technical Reports

13. Grinbaum, A. and Politi, V. 2019 "RRI-Practice Deliverable 15.1: Comparative study of the Ethics key", Comparative analysis of 12 national case studies for the EU Horizon2020 project "Responsible Research and Innovation in Practice" (RRI-Practice): https://www.rri-practice.eu/wp-content/uploads/2019/06/Deliverable-D15.1-Comparison.pdf

14. Grinbaum, A. and Politi, V. 2019 "RRI-Practice Deliverable 15.5: Comparative study of the Science Education key", Comparative analysis of 12 national case studies for the EU Horizon2020 "Responsible Research and Innovation in Practice" (RRI-Practice): https://www.rri-practice.eu/wp-content/uploads/2019/06/Deliverable-D15.1-Comparison.pdf

Other Publications

15. Politi, V. 2019. "Questions about Science", Guest Editor's introduction to the special issue "Questions about Science", Politi, V. (Ed.) *Theoria: an international journal for theory, history and the foundations of science* 34: 167-170. DOI: https://doi.org/10.1387/theoria.2075

Articles for the General Public

16. Politi, V. and Grinbaum, A. (2019) "Ethics in the Framework of Responsible Research and Innovation". *Polethis: Journal of Research Ethics and Scientific Integrity Council* 2: 39-40.

ACADEMIC TALKS

Invited Talks

2022. "Thomas Kuhn and Social Epistemology: a developing paradigm". *Thomas Kuhn and the 21ˢᵗ Century Philosophy of Science*, University of Kent (Canterbury, UK), 13-15 July 2022.

2022. "Thomas Kuhn's view on scientific theories". *Thomas Kuhn's Philosophy of Science: in honor of the 100th year of his birth*, AARHUS University (Copenhagen, Denmark), 1-2 June 2022.

2021. "Anticipative reflection in an interdisciplinary research team: a case study". *Colloquium at Carl Friedrich von Weizsäcker Center* (Tübingen University, Germany), 14 May 2021 (on-line)

2021. "The Kuhnian perspective on interdisciplinarity and incommensurability: a case study from personalized medicine". *School of Advanced Studies* (Tyumen, Russia), 10 March 2021 (on-line)

2021. "The distribution of ethical labor in interdisciplinary groups: a case study from personalized medicine". *Philosophy and Ethics Group*, *Eindhoven University of Technology* (Eindhoven, the Netherlands), 12 January 2021 (on-line)

2019. "Commentary on Maki's *Philosophy of Interdisciplinarity. What? Why? How?*". *Atelier de Philosophie des Sciences*, Université Jean Moulin Lyon 3 (Lyon, France), 12 December 2019.

2019. "The distribution of ethical labor". *Atelier de Philosophie des Sciences*, Université Jean Moulin Lyon 3 (Lyon, France), 5 November 2019.

2017. "Analogical reasoning and the evolution of revolutions". *Seminario de Investigadores* at Universidad Nacional Autónoma de México (Mexico City, Mexico). 11 October 2017.

2012. "Beyond *Structure*: historical principles, first principles, or both?". *Thomas Kuhn: The Structure of Scientific Revolutions 50 years on*, *Centre for the Study of International Governance*, Loughborough University (Loughborough, UK), 12 April 2012.

Presentations in Peer-Reviewed International Conferences

2022. "How (not) to institutionalize scientific responsibility: philosophical problems in science policy", *Institutions and the Scientific Research Agenda,* Center for Philosophy of Science, University of Pittsburgh (Pittsburgh, USA), 8-10 April 2022 (on-line).

2021. "Models of the scientific community: where is the ethical dimension?" in the symposium *Philosophy of formal models of the social organization of science* (Contributors: V. Politi, S. Reijula, and D. Šešelja). Organizer and corresponding author: V. Politi. *EPSA21 – the 8th Biennial Meeting of the European Philosophy of Science Association*, University of Turin (Turin, Italy), 15-18 September 2021.

2021. "Individual ethical reflection and collective ethical labor: a case study from personalized medicine". *The Relationship between Science and Ethics*. University of Tennessee (Tennessee, USA), 13-14 March 2021 (on-line).

2020. "The distribution of cognitive labor vs. the ethics of science: in search of compatibility" (with a commentary by Prof. Nir Fresco). *Pragmatic Naturalism: Progress in Science, Mathematics, and Values: 7th Descartes Lectures 2020*, Tilburg (the Netherlands), 14-16 October 2020 (on-line).

2019. "Citizen Science through Science Education: reflections from RRI-Practice". *Citizen science: new epistemological, ethical and political challenges*, Lyon (France), 6-7 June 2019.

2019. "What if you can't spray them? On entities, realisms, and inferences". *The philosophy of Ian Hacking*, Centre of Human Studies, Budapest (Hungary), 29-30 March 2019.

2018. "The role of external analogies in scientific change" [poster presentation]. *LEAPS: Learning from Empirical Approaches to the History and Philosophy of Science*. Centre for the History and Philosophy of Science, University of Pittsburgh (Pittsburgh, USA), 6-7 April 2018.

2015. "Pluralism, Monism, or both? Kuhn, Feyerabend and Chang". *Feyerabend 2015: Forty Years 'Against Method'*, St. John's College, Durham University (UK), 16 July 2015.

2014. "Naturalisms, Individuals and Communities: on recent developments of naturalized philosophy of science". *First London Graduate Workshop, Approaches within Philosophy of Science*, UCL, London (UK). September 2014.

2013. "Two problems for Science Policy". *Fourth Biennial Conference of the Society for the Philosophy of Science in Practice*, Toronto (Canada). June 2013.

2013. "Philosophy of Science as Link and Integrative Pluralism in Action". *First International Conference of the German Society for the Philosophy of Science,* Leibniz University, Hannover (Germany). April 2013.

2012. "Incommensurability, sciences and Science". *Incommensurability 50*, National Taiwan University, Taipei (Taiwan). June 2012.

2012. Discoveries, non-disruptive specializations and the progress of science, *5th Sidney-Tilburg conference: The Progress of Science*, Tilburg University (Netherlands). April 2012.

2011. Scientific Objectivity: what's Fine for Scientists is not Fine for Philosophers, *ECAP, 7th European conference of analytic philosophy*, Milan (Italy). September 2011.

Public Engagement

2021. "Co-constructing the future of medical care", *How precise is Precision Medicine?,* public engagement event for the PINpOINT project, Oslo (Norway), 29th November 2021.

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GRANTS and FUNDING

2022-2025. **Beatriu de Pinós research grant,** € 133,000. UAB - Universitat Autònoma de Barcelona (Spain). Competitive research grant. Research: "The Distribution of Ethical Labor in Innovation Science and Technology: a case study from biotechnology".

2022-2024. **Research fellowship,** € 100,000. PoliMi - Politecnico di Milano (Italy). Fellowship offered to fund the project 'Social Epistemology of Responsibility: the case of BioEngineering' (SER_BIE), which received the 'Seal of Excellence' from MSCA. Declined in favor of the Beatriu de Pinós grant.

2017-2018. **UNAM postdoctoral research funding** MXN$ 768,000. Universidad Nacional Autónoma de México (Mexico).

2010-2013. **Darwin Trust of Edinburgh for the Philosophy of Science:** £ 41,000 + academic fees to participate in the Doctoral Program in Philosophy at the University of Bristol (UK).

AWARDS

2022. **Marie Skłodowska-Curie Actions 'Seal of Excellence',** awarded to the project 'Social Epistemology of Responsibility: the case of BioEngineering' (SER_BIE), submitted to the competition with the support of Politecnico di Milano (Italy).

2018. Travel Award (USD$ 250) and 3-night accommodation to attend *LEAHPS,* University of Pittsburgh (USA).

2013. *Arts and Humanities PG conference fund*: Travel Award of the University of Bristol (£ 80) to attend the *First International Conference of the German Society for the Philosophy of Science,* Hannover (Germany)

2012. *University of Bristol Alumni Foundation Conference Travel Grant*: special Travel Award of the University of Bristol (£ 400) to attend *Incommensurability 50*, Taipei (Taiwan).

2012. *5th Tilburg-Sidney Conference Graduate Travel Award*: Travel Award of Tilburg University (€ 250) to attend the *5th Sidney-Tilburg conference: The Progress of Science*, Tilburg (the Netherlands)

TEACHING ACTIVITIES

As a Main Instructor (course design, lecturing, supervision, marking and evaluation)

2019. "Logic II" (advanced graduate course), in collaboration with prof. Atocha Aliseda and dr. Alfonso Arroyo-Santos. Instituto de Investigaciones Filosóficas, UNAM (Mexico).

2018. "Knowledge and History: Scientific Change and Scientific Reasoning in Historical Perspective" (advanced graduate course). Instituto de Investigaciones Filosóficas, UNAM (Mexico).

2015-2016. "Phenomenology" (3rd year undergraduate Philosophy students). Department of Philosophy, University of Bristol (UK).

2015-2016. "Death, Dying and Disease" (2nd and 3rd year undergraduate Philosophy students and MA Medical Humanities students). Department of Philosophy, University of Bristol (UK).

As a Graduate Teaching Assistant

2015-2016. "Scientific Epistemology and Methodology" (3rd year and MA Philosophy students). Department of Philosophy, University of Bristol (UK).

2015-2016. "Philosophy of Natural and Social Sciences" (2nd year undergraduate Philosophy students). Department of Philosophy, University of Bristol (UK).

2015-2016. "Introduction to Philosophy of Science" (1st year undergraduate Philosophy students). Department of Philosophy, University of Bristol (UK).

2013-2015. "Big Ideas in Science" (open unit for 1st year undergraduate students from STEM Departments - Science, Technology, Engineering, and Mathematics). University of Bristol (UK).

2012-2014. "Philosophy of Natural and Social Sciences" (2nd year Philosophy undergraduate). Department of Philosophy, University of Bristol (UK).

2013. "Schopenhauer and Nietzsche" (2nd year Philosophy undergraduate). Department of Philosophy, University of Bristol (UK).

2013. "Introduction to Philosophy B (Moral and Political Philosophy)", 1st year Philosophy undergraduate). Department of Philosophy, University of Bristol (UK).

2014. "Introduction to Logic", (1st year Philosophy undergraduate). Department of Philosophy, University of Bristol (UK).

Thesis Supervisions

2018. mr. Daniel Iván Garduño Ruiz. "En la búsqueda de conexiones: la necesidad de experticias integrativas en el estudio interdisciplinario de la Tierra" (Searching for connections: the necessity of integrative expertise in the interdisciplinary studies of the Earth, in Spanish). MA thesis. Philosophy of Science Program, UNAM (Mexico)

External collaborations

2014. "Cinema and Psychiatry": project funded by the National Health Service (UK) in collaboration with the Department of Medicine at the University of Bristol; coordinator: dr. Thanos Tsapas, Consultant Psychiatrist in Psychotherapy.

JOURNAL ACTIVITIES

Guest Editor

2019. *Theoria: an international journal for theory, history and the foundations of science, for* the special issue "Questions about Science" 34 (2) https://ojs.ehu.eus/index.php/THEORIA/issue/view/1749.

REVIEW RESPONSIBILITIES

For International Journals

- *European Journal for the Philosophy of Science*
- *Studies in History and Philosophy of Science*
- *Journal for Responsible Innovation*
- *Theoria: an international journal for theory, history and foundation of science*
- *International Studies in the Philosophy of Science*
- *HOPOS: journal for the history of the philosophy of science*

For Academic Publishers

- *Routledge*: review of a chapter in an edited volume

For Funding Agencies

- *National Science Foundation (NSF)*: review of a research proposal (Science and Technology Studies Advisory Panel)

LANGUAGES

- Italian (mother tongue)
- English (fluent)
- Spanish (proficient: C1)
- French (upper intermediate: B2)