
CONTACT INFORMATION Dipartimento di Filosofia e Scienze dell'Educazione
Università degli Studi di Torino, Via Sant'Ottavio, 20, Torino (Italy)
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Web: <https://scholar.google.com/citations?user=U6nN8roAAAAJ&hl=it>
ORCID ID: 0000-0001-9646-0471

PERSONAL DATA Date of birth: October 5, 1990
Citizenship: Italian
Father of one

CURRENT ACADEMIC POSITION

- December 2022 - December 2025: **Ricercatore a Tempo Determinato di tipo A (Junior Assistant Professor)**
Dipartimento di Filosofia e Scienze dell'Educazione
University of Turin (Italy)

AOS AND AOC

- ☐ **Areas of Specialization:** Scientometrics and Quantitative Studies of Science, Research Evaluation, History of Philosophy of Science, History of Analytic Philosophy, Historiography of Philosophy
- ☐ **Areas of Competence:** Social Studies of Science, Philosophy of Science, Sociology of Philosophy

PAST ACADEMIC APPOINTMENTS

- October 2022 - December 2022: **Post-doc researcher**
Tilburg School of Humanities and Digital Sciences
University of Tilburg (the Netherlands)
Research project: "Exiled Empiricists"
Project P.I.: Prof. Sander Verhaegh
Funded by the European Research Council Starting Grant (€150 000)
- March 2022 - December 2022: **Docente a contratto di Analisi Quantitativa della Scienza** (Temporary Lecturer in Quantitative Science Studies)
School of Economics and Management
University of Siena (Italy)

- October 2021 - September 2022: **Assegnista di ricerca (Post-doc researcher)**
Department of Economics and Statistics
University of Siena (Italy)
Research project: "PAWOS (Philosophy and/or Science)"
Supervisor: Prof. Alberto Baccini
Funded by Seal of Excellence @ UNISI programme, University of Siena (€ 50 000)
- November 2021 - November 2022: **Visiting Researcher (Virtual)**
Centre for Science and Technology Studies (CWTS)
University of Leiden (The Netherlands)
Supervisor: Prof. Ludo Waltman
- October 2020 - September 2021: **Assegnista di ricerca (Post-doc researcher)**
Department of Economics and Statistics
University of Siena (Italy)
Research project: "Has economics finally become an immature science? Mapping economics at an epoch of fragmentation, by combining historical perspectives and new quantitative approaches"
P.I.: Prof. Alberto Baccini
Funded by the Italian Ministry of University and Research (PRIN 2017 grant) (€ 25 000)
- October 2019 - September 2020: **Assegnista di ricerca (Post-doc researcher)**
Department of Economics and Statistics
University of Siena (Italy)
Research project: "How bibliometric indicators shape science: phase 2. The shadow networks of economic journals"
P.I.: Prof. Alberto Baccini
Funded by INET (Institute for New Economic Thinking, NY) (€ 25 000)
- October 2019: **Junior Visiting Fellow**
Vossius Center for the History of Humanities and Sciences, University of Amsterdam
Research Project: "*I owe this point to Mr. Quine*. Reconstructing the history of analytic philosophy by the analysis of the acknowledgement sections of academic publications"
Supervisor: Prof. Arianna Betti
Funded by: Vossius Junior Visiting Grant (€ 1 500)
- October 2018 - September 2019: **Assegnista di ricerca (Post-doc researcher)**
Department of Economics and Statistics
University of Siena (Italy)
Research project: "How bibliometric indicators shape science"
P.I.s: Prof. Alberto Baccini and Prof. Giuseppe De Nicolao
Funded by INET (Institute for New Economic Thinking, NY) (€ 25 000)

- May 2018 - November 2018: **Research fellow**
Department of Computer Science
University of Milan
Research project: "MAVERICK. Topic-driven detection and analysis of mainstream research"
P.I.: Prof. Stefano Montanelli
Funded by: ANVUR (Italian Agency for Research and University Evaluation) (€ 12 000)

EDUCATION

- 2021, September: Summer School in Social Statistics
University of Padova (Italy)
- October 2015 - October 2018: **Ph.D. in Philosophy and Human Sciences**
University of Milan (Italy)
Ph.D. Dissertation: *The Fabric of Knowledge. Towards a Documental History of Late Analytic Philosophy*

Dissertation defended on January 9, 2019 (judgement: "Excellent")
Examining committee: Prof. K. Brad Wray (University of Aarhus), Prof. Achille Varzi (Columbia University, NY), Prof. Elisa Paganini (University of Milan), Prof. Paolo Tripodi (University of Turin), Prof. Arianna Betti (University of Amsterdam)
- 2017, September: Course for Professionals "Measuring Science and Research Performance"
Center for Science and Technology Studies (CWTS), Leiden University (The Netherlands)
- 2017, August-September: Visiting Ph.D. student
Center for Science and Technology Studies (CWTS), Leiden University (The Netherlands)
- 2012-2014: M.A. in Philosophical Studies, *summa cum laude*
University of Milan (Italy)
M.A. thesis: Lineamenti di meta-epistemologia. Soggetto, Storia ed Errore dal Neo-positivismo a Kuhn [*Elements of Meta-epistemology. Subjectivity, Historicity, and Error from Neo-positivism to Kuhn*]
- 2013: Erasmus Exchange, Université de Bourgogne - Dijon (France)
- 2009-2012: B.A. in Philosophy, *summa cum laude*
University of Milan (Italy)

HABILITATION

- Italian **National Scientific Habilitation** (Abilitazione Scientifica Nazionale) to **Associate Professorship** in 11/C2 - Logic, History, and Philosophy of Science [valid from 12/12/2023 to 12/12/2034]

AWARDS

- **Marie Skłodowska-Curie Actions (MSCA) Seal of Excellence**
 Project Title: PAWOS (Philosophy and/with/of Science)
 Hosting institution: CWTS (University of Leiden)
 Score: 93.20/100 [Funding threshold: 93.40] (Excellence: 4.4/5, Impact: 5/5, Implementation: 4.8/5)
 The project was put on the MSCA reserve list (proposals that might be invited to grant preparation, if higher ranked proposals drop out or additional funding becomes available).

ACADEMIC PUBLICATIONS

Monographs

1. **Petrovich, E.** (2024) *A Quantitative Portrait of Analytic Philosophy. Looking Through the Margins*, Springer, Quantitative Methods in the Humanities and Social Sciences. ISBN: 978-3-031-53199-6 [\[Book\]](#)

Journal articles, conference proceedings, and book chapters

2025

1. **Petrovich, E.**, Fazzini, E., Gandolfi, L. (2025) "Mapping the Social Structure of Philosophy of Science Through Large-Scale Acknowledgments Analysis" [\[Conference proceeding\]](#), in Sargsyan, S., Glänzel, W., Abramo, G. (Eds.) *Proceedings of the 20th international conference on Scientometrics and Informetrics*, Yerevan DOI: [10.51408/issi2025_129](#)
2. Verhaegh S., **Petrovich, E.**, Bös G. (2025) "The American Reception of Logical Empiricism: A Mention-Based Bibliometric Analysis" [\[book chapter\]](#) in Schiemer, G. (Ed.) *The Legacy of the Vienna Circle*, Cham, Springer. ISBN: 978-3-031-80567-7

2024

1. **Petrovich, E.**, Viola M. (2024) "Mapping the philosophy and neuroscience nexus through citation analysis" *European Journal for Philosophy of Science*, 14(4): 60 DOI: [10.1007/s13194-024-00621-5](#) [\[research article\]](#) [Classe A journal for M-FIL/02]
2. Baccini, A., Cioni, M., Dalpont, M., **Petrovich, E.** (2024) "Is there cross-fertilization in macroeconomics?" *The Journal of Economic Surveys* DOI: [10.1111/joes.12674](#) [\[research article\]](#)

3. **Petrovich, E.**, Verhaegh S., Bös G., Cristalli C., Dewulf F., van Gemert T., IJdens N., "Bibliometrics beyond citations: introducing mention extraction and analysis" (2024) *Scientometrics*, 129(1): 373-400 DOI: [10.1007/s11192-024-05116-x](https://doi.org/10.1007/s11192-024-05116-x) [research article] [Classe A journal for M-FIL/02]
4. **Petrovich, E.**, Viola M. (2024) "Dalla filosofia alle neuroscienze (passando per la psicologia?). Una prospettiva scientometrica" *Sistemi Intelligenti*, 1: 47-72 DOI: <https://dx.doi.org/10.1422/112959> [research article] [Classe A journal for M-FIL/02]

2023

1. Baccini, A., Barabesi, L., Cioni, M., Durio, A., **Petrovich, E.**, Pignalosa, D. (2023) "Fine-grained classification of journal articles by relying on multiple layers of information through similarity network fusion: the case of the *Cambridge Journal of Economics*" *Scientometrics*, DOI: [10.1007/s11192-023-04884-2](https://doi.org/10.1007/s11192-023-04884-2) [research article] [Classe A journal for M-FIL/02]
2. Baccini, A., **Petrovich, E.** (2023) "A global exploratory comparison of country self-citations 1996-2019" [*PLOS One*] 18(12), e0294669 DOI: [10.1371/journal.pone.0294669](https://doi.org/10.1371/journal.pone.0294669) [research article] [Classe A journal for M-FIL/02]
3. **Petrovich E.** (2023) "Embracing quantitative methods in history and philosophy of science" [book review], *Metascience*, DOI: [10.1007/s11016-023-00914-0](https://doi.org/10.1007/s11016-023-00914-0)
4. Baccini, F., Barabesi, L., **Petrovich E.** (2023) "Similarity matrix average for aggregating multiplex networks" [research article] *Journal of Physics: Complexity*, 4(2): 025017, DOI: [10.1088/2632-072X/acda09](https://doi.org/10.1088/2632-072X/acda09)

2022

1. **Petrovich E.**, Viola M. (2022) "The 'cognitive neuroscience revolution' is no revolution. Evidence from scientometrics" [research article] *Rivista Internazionale di Filosofia e Psicologia*, 13(2): 142-156, DOI: [10.4453/rifp.2022.0013](https://doi.org/10.4453/rifp.2022.0013) [Classe A journal for M-FIL/02]
2. Montanelli, S., Ferrara, A., Ghirelli, C., **Petrovich, E.**, Salini, S., Verzillo, S. (2022) "Topic-Driven Detection and Analysis of Scholarly Data" [book chapter] in Checchi, D., Jappelli T., Uricchio, A. F. (Eds.) *Teaching, Research and Academic Careers*, Springer. ISBN: 978-3-031-07437-0. DOI: [10.1007/978-3-031-07438-7_8](https://doi.org/10.1007/978-3-031-07438-7_8)
3. **Petrovich, E.**, "Acknowledgments-based networks for mapping the social structure of research fields. A case study on recent analytic philosophy" (2022) [research article] *Synthese*, 200(3): 200, Special Issue "Digital Studies of Digital Science" DOI: [10.1007/s11229-022-03515-2](https://doi.org/10.1007/s11229-022-03515-2) [Classe A journal for M-FIL/02]

4. Bonino, G., Maffezioli, P., **Petrovich, E.**, Tripodi, P. "When Philosophy (of Science) Meets Formal Methods: a Citation Analysis of Early Approaches between Research Fields" (2022) [research article] *Synthese*, 200(2): 177 Special Issue "Metaphilosophy of Formal Methods", DOI: [10.1007/s11229-022-03484-6](https://doi.org/10.1007/s11229-022-03484-6) [Classe A journal for M-FIL/02]
5. **Petrovich E.** (2022) "Bibliometrics in Press. Representations and uses of bibliometric indicators in the Italian daily newspapers" [research article] [*Scientometrics*], DOI: [10.1007/s11192-022-04341-6](https://doi.org/10.1007/s11192-022-04341-6) [Classe A journal for M-FIL/02]

2021

1. Baccini, A., **Petrovich, E.** (2021) "Normative versus strategic accounts of acknowledgment data: the case of the top-five journals of economics" [research article] *Scientometrics*, DOI: [10.1007/s11192-021-04185-6](https://doi.org/10.1007/s11192-021-04185-6) [Classe A journal for M-FIL/02]
2. **Petrovich, E.** (2021) "Acknowledgments. Informal collaboration and symbolic power in recent analytic philosophy" [research article] *Logique et Analyse* 256: 425-448, DOI: [10.2143/LEA.256.0.3290352](https://doi.org/10.2143/LEA.256.0.3290352) [Classe A journal for M-FIL/02]
3. **Petrovich E.** (2021) "Science Mapping and Science Maps" [review article], *Knowledge Organization* 48(7/8): 535-562, DOI: [10.5771/0943-7444-2021-7-8-535](https://doi.org/10.5771/0943-7444-2021-7-8-535) Available in open access web version at ISKO *Encyclopedia of Knowledge Organization*: https://www.isko.org/cyclo/science_mapping

2020

1. **Petrovich E.** (2020), "Research infrastructures: the European way to Big Science" [book review], *Metascience*, 30: 37-40, DOI: [10.1007/s11016-020-00580-6](https://doi.org/10.1007/s11016-020-00580-6)

2019

1. **Petrovich, E.**, Tolusso, E. (2019) "Exploring Knowledge Dynamics in the Humanities. Two Science Mapping Experiments" [research article] *Journal of Interdisciplinary History of Ideas*, 8(16): 1-30, DOI: <http://dx.doi.org/10.13135/2280-8574/4304> [Classe A journal for M-FIL/06]
2. **Petrovich, E.** (2019) "A glimpse on European science policy from the viewpoint of SSH research infrastructures" [book review], *Metascience* 29(1): 167-170, DOI: [10.1007/s11016-019-00471-5](https://doi.org/10.1007/s11016-019-00471-5)
3. Baccini, A., De Nicolao G, **Petrovich, E.** (2019) "Evaluating Italy's Ranking boom" [correspondence], *Nature* 576(7786): 213-213, DOI: [10.1038/d41586-019-03808-6](https://doi.org/10.1038/d41586-019-03808-6) [Classe A journal for M-FIL/02]
4. Baccini, A., De Nicolao G, **Petrovich, E.** (2019) "Citation gaming induced by bibliometric evaluation: a country-level comparative analysis" [research article], *PLOS ONE* 14(9), e0221212. DOI: <https://doi.org/10.1371/journal.pone.0221212> [Classe A journal for M-FIL/02]

5. **Petrovich, E.** (2019). "Can the history of an epistemic norm bear a normative value? Some reflections on the status and tasks of historical epistemology" [book chapter], in Braunstein, J.-F., Diez, I. M. and Vagelli, M. (Eds.) *L'Epistémologie Historique. Histoire et méthodes*, Éditions de la Sorbonne. ISBN: 979-10-351-0327-9
6. **Petrovich, E.** (2019). "Is a Normative Historically Oriented Philosophy of Science Possible? A New Horizon for Integrated History and Philosophy of Science (iHPS)" [book chapter], in Herring, E., Jones, K., Kiprijanov, K. and Sellers, L. (Eds.) *The Past, Present and Future of Integrated History and Philosophy of Science*, London, Routledge, ISBN: 9780815379850

2018

1. **Petrovich, E.** (2018). "Forms, Patterns, Structures. Citation Analysis and the History of Analytic Philosophy" [research article], *Journal of Interdisciplinary History of Ideas*, 7(13): 1-21, DOI: <http://dx.doi.org/10.13135/2280-8574/2843>
2. **Petrovich, E.** (2018). "Reply to Wray", [reply] *Scientometrics*, 117(1): 651-654, DOI: [10.1007/s11192-018-2871-y](https://doi.org/10.1007/s11192-018-2871-y) [Classe A journal for M-FIL/02]
3. **Petrovich, E.** (2018). "Accumulation of Knowledge in Para-Scientific Areas. The Case of Analytic Philosophy" [research article], *Scientometrics*, 116(2): 1123-1151, DOI: [10.1007/s11192-018-2796-5](https://doi.org/10.1007/s11192-018-2796-5) [Classe A journal for M-FIL/02]
4. Buonomo, V., **Petrovich, E.** (2018). "Reconstructing Late Analytic Philosophy. A Quantitative Approach" [research article]. *Philosophical Inquiries*, 6(1): 149-180, DOI: [10.4454/philing.v6i1.184](https://doi.org/10.4454/philing.v6i1.184) [Classe A journal for M-FIL/02]
5. **Petrovich, E.**, Viola, M. (2018). "Social Epistemology at Work: from Philosophical Theory to Policy Advice." [introduction to special issue] *ROARS Transactions. A Journal on Research Policy and Evaluation*, 6(1), DOI: [10.13130/2282-5398/9828](https://doi.org/10.13130/2282-5398/9828)

2017

1. Gellera, G., **Petrovich, E.** (2017). "Recensione della giornata di studi Comparative History of Philosophy" [conference review], *Studia Philosophica*, 76: 288-292.

Edited volumes

1. **Petrovich, E.**, Viola, M. (Eds.) (2018). "Research Policy: Insights from Social Epistemology", Special Issue of *ROARS Transactions. A Journal on Research Policy and Evaluation*, 6(1)

Research reports

1. Montanelli, S., Ferrara, A., Ghirelli, C., **Petrovich, E.**, Salini, S., Verzillo, S. (2019) "Topic-Driven Detection and Analysis of Mainstream Research. The Maverick Project Results"

Ph.D. Dissertation

1. **Petrovich, E.** (2019). The Fabric of Knowledge. Towards a Documental History of Late Analytic Philosophy, University of Milan (273 pp.)

COMMISSIONED RESEARCH PROJECTS

- ⊗ 2018-2019: Montanelli S., Ferrara A., Ghirelli C., **Petrovich E.**, Salini S., Verzillo St., MAVERICK (Topic-Driven Detection and Analysis of Mainstream Research) Department of Computer Science, University of Milan. Member of the research team.
P.I.: Prof. S. Montanelli
Funded by: ANVUR (National Agency of Research and University Evaluation), € 12 000 grant.

TEACHING EXPERIENCE

Teaching

- *University of Turin*
Academic Year 2024/2025, Spring Semester
"Formal and Empirical Methods in Philosophy"
18-hour course for the MA in *Philosophy*
- *University of Turin*
Academic Year 2024/2025, Spring Semester
"Scientometrics"
36-hour course for the MAs in *Philosophy and Language Technologies and Digital Humanities*
- *Scuola di Studi Superiore "Ferdinando Rossi" (University of Turin)*
Academic Year 2024/2025, Spring Semester
"Scientometrics"
10-hour course for the students of the advanced school
- *University of Turin*
Academic Year 2024/2025, Winter Semester
"Filosofia della scienza" ["Philosophy of science"]
36-hour course for the BA in *Philosophy*
- *University of Turin*
Academic Year 2023/2024, Spring Semester
"Formal and Empirical Methods in Philosophy"
36-hour course for the MA in *Philosophy*

- *University of Turin*
Academic Year 2023/2024, Spring Semester
"Scientometrics"
36-hour course for the MA in *Language Technologies and Digital Humanities*
- *University of Siena*
Academic Year 2022/2023, Winter Semester
"Quantitative Studies of Science"
40-hour course for the MA in *Statistics and quantitative methods*
Co-taught with Alberto Baccini
- *University of Siena*
Academic Year 2021/2022, Spring Semester
"Quantitative Studies of Science"
40-hour course for the MA in *Statistics and quantitative methods*
Co-taught with Alberto Baccini
- *University of Turin*
Academic Year 2020/2021, Spring Semester.
"Introduction to Scientometrics"
2-hour class within the *Digital Humanities* Course for Ph.D. students in Human Sciences
- *University of Turin*
Academic Year 2018/2019, Spring Semester.
"The Fabric of Knowledge. Investigating contemporary philosophy by the methods of scientometrics",
4-hour class within the Master Course: History of Philosophy II.
- *University of Milan*
Academic Year 2017/2018, Spring Semester.
"La misura della scienza. Come la valutazione sta cambiando la ricerca scientifica" [The measure of science. How evaluation is changing scientific research]
2-hour lecture within the Master Course: History and Philosophy of Science (M.A. Degree in Biodiversity and Evolutionary Biology, Department of Biology).
- *University of Milan and Museum of Science and Technology "Leonardo da Vinci"*
Academic Year 2017/2018, Fall Semester.
"L'immaginario epistemologico. Dall'albero al science mapping" [The epistemological imaginary. From the tree to science mapping]
2-hour lecture in the Seminar for Philosophy Undergraduate students
"Immaginare la conoscenza" [Imaging Knowledge], jointly organized by the Department of Philosophy of Milan and the Museo della Scienza e della Tecnologia "Leonardo da Vinci".

Co-supervision of BA and MA theses

University of Turin

- Ali Asghar Mohammadzadeh (University of Turin, MA in *Philosophy*). Title: "The Way to Know the Values of Morality, Art, and Life: Intuitionism or Rationalism" [Main supervisor: Prof. Jan Sprenger]
- Enrico Arban (University of Turin, MA in *Philosophy*). Title: "Scientific inference" [Main supervisor: Prof. Jan Sprenger]
- Gabriele Beruatto (University of Turin, BA in *Philosophy*). Title: "Individuo o Struttura. La controversia tra individualismo ed olismo metodologico nelle scienze sociali contemporanee" [Main supervisor: Prof. Vincenzo Crupi]
- Riccardo Fracchioni (University of Turin, MA in *Philosophy*). Title: "On the Semantic Competence of Large Language Models and the Relation between Philosophy and AI" [Main supervisor: Dr. Fabrizio Calzavarini]
- Marco Li Bergolis (University of Turin, BA in *Philosophy*). Title: "I limiti dello scientismo epistemologico: una discussione critica" [Main supervisor: Prof. Vincenzo Crupi]
- Lorenzo Tavella (University of Turin, BA in *Philosophy*). Title: "Forme e limiti dello scientismo: alcune discussioni recenti" [Main supervisor: Prof. Vincenzo Crupi]
- Simone Neriotti (University of Turin, BA in *Philosophy*). Title: "La costruzione dei fatti scientifici: un'analisi filosofica del primo Latour" [Main supervisor: Prof. Vincenzo Crupi]

University of Siena

- Fabrizio Beato (University of Siena, MA in *Management and Governance*). Title: "Coalition S e l'accesso aperto in Europa" [Coalition S and open access in Europe] [Main supervisor: Prof. Alberto Baccini]
- Alessandro Santoro (University of Siena, MA in *Management and Governance*) Title: "Cattive condotte accademiche e revisione dei pari: uno studio di caso" [Academic misconduct and peer review: a case study] [Main supervisor: Prof. Alberto Baccini]
- Livia Tarini (University of Siena, MA in *Management and Governance*) Title: "Le reti nascoste: il caso dei governi italiani dal 1974 al 2019" [Shadow networks: the case of Italian government between 1974 and 2019] [Main supervisor: Prof. Alberto Baccini]
- Giulio Mundi (University of Siena, MA in *Management and Governance*) Title: "Cattive condotte accademiche e meccanismi premiali" [Academic misconduct and reward mechanisms] [Main supervisor: Prof. Alberto Baccini]
- Mariano Senese (University of Siena, MA in *Management and Governance*) Title: "Le ritrattazioni scientifiche. Una analisi esplorativa del database Retraction Watch" [Scientific retractions. An explorative analysis of Retraction Watch database] [Main supervisor: Prof. Alberto Baccini]

- Elia Farneti (University of Siena, MA in *Management and Governance*) Title: "Reti accademiche in economia. Un'analisi quantitativa dei ringraziamenti nelle riviste Top Five" [Accademic networks in economics. A quantitative analysis of the acknowledgments in Top Five economics journals] [Main supervisor: Prof. Alberto Baccini]
- Alessandro Righi (University of Siena, MA in *Economics*) Title: "Gli effetti delle politiche di valutazione della ricerca scientifica" [Effects of scientific research evaluation policies] [Main supervisor: Prof. Alberto Baccini]
- Rossana Lancieri (University of Siena, MA in *Management and Governance*) Title: "Le cattive condotte scientifiche: una analisi delle ritrattazioni in ambito Business nel database Retraction Watch" [Scientific misconducts. An analysis of the retractions in the Business field in Retraction Watch database] [Main supervisor: Prof. Alberto Baccini]
- Erminia La Terra (University of Siena, MA in *Management and Governance*) Title: "Cattive condotte accademiche e ritrattazioni in ambito medico: un'analisi quantitativa" [Academic misconduct and retractions in medical fields: A quantitative analysis] [Main supervisor: Prof. Alberto Baccini]
- Roberto Stefani (University of Siena, MA in *Management and Governance*) Title: "Analisi del database Retraction Watch: L'Italia a confronto con i Paesi del G10" [Analysis of the Retraction Watch database: Comparing Italy with G10 Countries] [Main supervisor: Prof. Alberto Baccini]
- Pietro Maria Piersigilli (University of Siena, MA in *Management and Governance*) Title: "Le cause di ritrattazione degli articoli scientifici. Una proposta di classificazione" [Scientific articles retractions causes. A classification proposal] [Main supervisor: Prof. Alberto Baccini]
- Mario Neri (University of Siena, MA in *Management and Governance*) Title: "Frodi ed errori nella scienza: dalla pubblicazione alla ritrattazione dei contributi scientifici" [Frauds and errors in science: from publication to retraction of scientific contributions] [Main supervisor: Prof. Alberto Baccini]
- Luca Barsottini (University of Siena, MA in *Management and Governance*) Title: "Gli editori e il mercato dell'accesso aperto alle pubblicazioni accademiche: il caso Springer" [Scientific publishers and the market of open access: the Springer case] [Main supervisor: Prof. Alberto Baccini]
- Antonio Antifunario (University of Siena, MA in *Management and Governance*) Title: "L'accesso aperto alle pubblicazioni scientifiche: un caso di studio" [Open access: a case-study] [Main supervisor: Prof. Alberto Baccini]
- Valeria Pecchioli (University of Siena, MA in *Management and Governance*) Title: "I comitati editoriali delle riviste come gatekeepers della scienza" [The editorial boards of scientific journals as gatekeepers of science] [Main supervisor: Prof. Alberto Baccini]

- Martina Schipani (University of Siena, MA in *Management and Governance*)
Title: "Il finanziamento pubblico delle università italiane (2006-2021). Un'analisi delle riforme e dell'impatto territoriale" [Public funding of Italian universities (2006-2021). An analysis of reforms and territorial impact] [Main supervisor: Prof. Alberto Baccini]

CONFERENCES AND
SEMINARS

[* = peer reviewed, ⊗ = invited]

1. 2025, September 12 "How Citation Practices Influence Scientific Progress: A Computational Study"* ENPOSS 2025, University of Venice Ca' Foscari (Italy) (with Matteo Michellini and Carlo Debernardi)
2. 2025, August 29 "Mapping the social structure of philosophy of science through large-scale acknowledgments analysis"*, European Philosophy of Science Association EPSA2025 conference, University of Groningen (The Netherlands) (with Edoardo Fazzini and Lorenzo Gandolfi) [Poster].
3. 2025, June 25 "Mapping the Social Structure of Philosophy of Science Through Large-Scale Acknowledgments Analysis"*, 20th International Conference on Scientometrics and Informetrics, University of Yerevan (Armenia)
4. 2025, June 2 "SOPHIS: a new database for investigating the social structure of philosophy of science"*, Sustainable Databases in the Humanities conference 2025, University of Toronto (online)
5. 2025, April 16 "Mapping the social structure of philosophy of science with SOPHIS (Social Observatory of Philosophy of Science)"⊗ Science & More Talks, University of Turin (Italy)
6. 2024, April 11 "EDHIPHY: Enriching Data for the History of Philosophy through Mention Indexing" ⊗ DaDriH seminar, University of Amsterdam (The Netherlands) (with Sander Verhaegh)
7. 2023, December 13 "A global exploratory comparison of country self-citations 1996-2019"⊗ Science & More Talks, University of Turin (Italy)
8. 2023, February 23 "Exploring the social network of contemporary analytic philosophy through acknowledgments analysis"⊗, TiLPS History of Philosophy Seminar, Tilburg University (The Netherlands)
9. 2023, January 17 "Links and Ties. Information loss in the translation of texts into networks"⊗, 3rd DR2 Conference, University of Rome La Sapienza, Rome (Italy)
10. 2022, September 8 "Paths that did not cross. The failed collaboration between philosophy of science and science policy in the second half of the Twentieth century"*, 10th Conference of the European Society for the History of Science, Brussels (Belgium)

11. 2022, July 8 "Homophily in acknowledgments networks of recent philosophy"*
Symposium on "Similarity, Selection and Influence", University of Groeningen (The Netherlands)
12. 2022, June 29 "Mapping the interaction between philosophy and neurosciences"*
Science & More Talks, University of Turin (Italy) (with Marco Viola)
13. 2022, June 16 "Citation gaming induced by bibliometric evaluation: A country-level comparative analysis"* XXII AISSEC Scientific Conference, D'Annunzio University of Chieti-Pescara (Italy)
14. 2022, May 27 "Mapping the interaction between philosophy and neurosciences"*
19th STOREP Annual Conference, University of Tuscia (Italy) (with Marco Viola).
15. 2022, April 7 "Acknowledgments-based network" ⊗, ModelSEN Workshop, Max Planck Institut fuer Wissenschaftsgeschichte, Berlin (Germany)
16. 2022, January 21 "Bibliometrics in Press. Representations and Uses of Bibliometric Indicators in the Italian Daily Newspapers" ⊗, Center for Science and Technology Studies (CWTS), Leiden (The Netherlands)
17. 2021, October 28 "The acknowledgements of scientific publications between scientific collaboration and academic signalling" ⊗, "Reassessing scientific collaboration" Workshop, University of Milan (Italy)
18. 2021, September 15 "Paths that did not cross. Why philosophy of science had no impact on science policy in the Twentieth century?" *, European Philosophy of Science Association EPSA2021 conference, University of Turin (Italy) (with Luca Guzzardi).
19. 2021, July 14 [on-line] "Uncovering the Social Network of Recent Analytic Philosophy by the Analysis of Acknowledgments in Academic Publications" *, 9th Annual Conference of the Society for the Study of the History of Analytical Philosophy, University of Vienna (Austria).
20. 2021, June 19 [on-line] "Bibliometrics in Press. Representations and Uses of Bibliometric Indicators in the Italian Daily Newspapers." *, 8th STS Italy conference, University of Trieste (Italy).
21. 2021, June 17 [on-line] "When Philosophy Meets Formal Methods: a Data-Driven Analysis of Early Approaches between Disciplines" *, 18th STOREP Annual Conference, University of Insubria (Italy) (with Guido Bonino, Paolo Tripodi, and Paolo Maffezzioli).
22. 2021, June 17 [on-line] "Is there cross fertilization in macroeconomics? The case of DSGE and macro agent based models" *, 18th STOREP Annual Conference, University of Insubria (Italy) (with Alberto Baccini, Martina Cioni, and Murieal Dal Pont Legrand).
23. 2021, March 15 [On-line] "Acknowledgments Co-Mention Networks: A new method for mapping the social structure of scholarly fields" *, Digital

Studies of Digital Science conference, Université Catholique de Louvain (Belgium).

24. 2020, December 14 [On-line] "Uncovering the Social Network of Recent Analytic Philosophy by the Analysis of Acknowledgments in Academic Publications" *, 4th TiLPS History of Analytic Philosophy Workshop, University of Tilburg (The Netherlands).
25. 2020, October 2 [On-line] "Reconstructing the social context of contemporary economics by acknowledgments analysis: the case of the Top Five" *, 17th STOREP Annual Conference, University of Rome Tor Vergata (Italy).
26. 2020, August 20 [On-line] "Uncovering the Social Network of Recent Analytic Philosophy by the Analysis of Acknowledgments in Academic Publications" *, 10th European Congress of Analytic Philosophy, Utrecht University (The Netherlands).
27. 2019, November 19 "Constitutive effects of bibliometric evaluation. Insights from the Italian case" ⊗, Department of Economics and Statistics (DISES), University of Salerno (Italy)
28. 2019, November 14 "Approcci reticolari in storia della filosofia analitica: reti di citazioni e reti di acknowledgments" ⊗, Department of Philosophy and Educational Sciences, University of Turin (Italy)
29. 2019, October 18 "Constitutive effects of bibliometric evaluation. Insights from the Italian case" ⊗, Center for Science and Technology Studies (CWTS), Leiden (The Netherlands)
30. 2019, October 8. "Reconstructing the sub-authorship network of recent analytic philosophy by the analysis of the acknowledgment sections of academic publications", in the E-Ideas research group meetings, Institute for Logic, Language and Cognition (ILLC), University of Amsterdam (The Netherlands).
31. 2019, August 9 "Bridging across Philosophy of Science and Scientometrics: Towards an Epistemological Theory of Citations" *, 16th International Congress on Logic, Methodology and Philosophy of Science and Technology, University of Prague (Czech Republic).
32. 2019, June 29 "The Structure of Scientific Fields. Some Notes on the Epistemology of Algorithmic Representations of Disciplines" *, 16th STOREP Annual Conference, University of Siena (Italy).
33. 2019, June 4 "Bridging the Gap between General Philosophy of Science and Scientometrics. Towards an Epistemological Theory of Citations" *, Società Italiana di Logica e Filosofia della Scienza (SILFS) Post Graduate Conference, University of Urbino (Italy).
34. 2018, November 16 "Citation analysis as a new method for reconstructing the recent history of analytic philosophy" *, The Making of the Humanities VII, University of Amsterdam (The Netherlands)

35. 2018, July 12 “Citation analysis as a tool to study the recent history of analytic philosophy” *, HOPOS 2018, University of Groningen (The Netherlands).
36. 2018, June 29. “Citation analysis as a tool to study a case of para-science (analytic philosophy)” *, 15th STOREP Annual Conference, University of Genova (Italy).
37. 2018, May 24. “Mapping the Disunity of Science. Scientometrics and Historical Epistemology in Dialogue” *, in the 4th Workshop on Historical Epistemology “Historical Epistemology and the Disunities of the Sciences”, University of Paris I, Sorbonne (France).
38. 2018, January 16. “Functions of citations in analytic philosophy. Some preliminary results”, in the PhD Evaluation Day, Department of Philosophy, University of Milan (Italy).
39. 2017, October 24 “Reconstructing Late Analytic Philosophy. A Quantitative Approach”®, 1st TiLPS History of Analytic Philosophy Workshop, University of Tilburg (The Netherlands)
40. 2017, June 26. “Quantitative history of philosophy. Scientometrics applied to contemporary analytic philosophy” *, in the Summer School “Understanding the past today: Methodology in the History of Philosophy”, University of Groningen (The Netherlands).
41. 2017, June 9. “Giulio Preti on the historiography of philosophy”, Introduction to the International Workshop “Comparative History of Philosophy”, Department of Philosophy, University of Milan (Italy)
42. 2017, May 22. “Le défi de la ‘Big Science’. Comment la scientométrie peut aider les chercheurs à affronter le déluge des publications scientifiques”®, in the round table “Quantifier ou mesurer ? Perspectives citoyennes sur l’évaluation de la recherche”, University of Geneva (Switzerland)
43. 2017, April 4. “Il problema della demarcazione: come distinguere la scienza dalla pseudo-scienza?”®, in the Symposium for Medicine undergraduate students “Quando la medicina si ammala. Come la pseudo-scienza funziona e infetta la società”, Ospedale Maggiore Policlinico di Milano (Italy)
44. 2017, March 28. “A Data-Driven Approach to the History of Late Analytic Philosophy”®, at the Center for the Philosophy of Time Brainstorm, Department of Philosophy, University of Milan (Italy) (with Valerio Buonomo)
45. 2017, January 18. “Exploring Knowledge Dynamics in the Humanities. A science-mapping approach to the history of contemporary analytic philosophy and human geography” *, in the International Conference “Distant reading and Data-driven research in the history of Philosophy”, University of Turin (Italy) (with Emiliano Tolusso).

46. 2017, January 14. "Is a normative historically oriented philosophy of science possible? A new horizon for Integrated History and Philosophy of Science (IHPS)" *, in the International Postgraduate Forum "The Past, Present and Future of Integrated HPS", University of Leeds (UK).
47. 2016, December 12. "Inquiring the *Seinsgebundenheit* of philosophical research. In search for a methodological framework", in the PhD Evaluation Day, Department of Philosophym, University of Milan (Italy).
48. 2016, September 15. "From Little Philosophy to Big Philosophy. Some problems in the application of traditional historical-philosophical notions to the evolution of contemporary philosophy" * in the International Symposium of the Swiss Philosophical Society "Philosophy and Its History: a Contemporary Debate", University of Geneva (Switzerland).
49. 2016, June 13. "Dall'individuo alla comunità. Riflessioni metodologiche sulla categoria di autore nella storiografia della filosofia contemporanea" *, in the Graduate Conference "Orizzonti del contemporaneo. Le scienze umane dagli Anni 70 a oggi", University of Rome Tor Vergata (Italy).
50. 2016, May 18. "Can the history of an epistemic norm bear a normative value? Some reflections on the status and the tasks of an historical epistemology" *, in the 2nd Workshop Historical Epistemology "A History of the Present", University of Paris I, Sorbonne (France).
51. 2016, April 8. "From Little Philosophy to Big Philosophy. Some methodological remarks on the notion of author in the history of contemporary philosophy" *, in the 17th Graduate Philosophy Conference "Philosophy of the History of Philosophy", Boston College (USA).

ORGANIZATION OF SCIENTIFIC EVENTS

1. 2024, August 21-22. Organization of the international workshop "Quantitative Studies of Philosophy" at the Department of Philosophy, Tilburg University (The Netherlands).
2. 2024, May 27-29. Organization of the international workshop "Philosophy of Science meets Quantitative Studies of Science" at the Department of Philosophy and Education Sciences, University of Turin (Italy).
3. 2019, January 23. Director of the organizational committee and Chair at the Conference "Meet Iain Mattaj", the first meeting between the University of Milan Ph.D. students and Prof. Iain Mattaj, Scientific Director of the Human Technopole Foundation in Milan – University of Milan.
4. 2017, November 9. Organization of the International Workshop "Digital Humanities e Archeologia del Sapere. Quale dialogo?" [*Digital Humanities and the archaeology of knowledge: Which dialogue?*] (with Matteo Vagelli), at the Department of Philosophy, University of Milan (Italy). The Workshop was sponsored and partly funded by Insitut Français Italia

5. 2017, June 9. Organization of the International Workshop “Comparative History of Philosophy” (with Giovanni Gellera), at the Department of Philosophy, University of Milan (Italy)
6. 2017, Spring. Co-organization (with Dr. Luca Guzzardi) of the Seminar of Historical Epistemology (SHE) at the Department of Philosophy, University of Milan (Italy).
7. 2016, March 10. Organization of the Workshop “Philosophy with Children” at the Department of Philosophy, University of Milan (Italy)

NON ACADEMIC PUBLICATIONS

- **Petrovich E.** (2022). “Bibliometrics at large – The role of metrics beyond academia”, [London School of Economics and Political Science Impact Blog](#), 4 July 2022
- **Petrovich E.** (2022). “Bibliometrics in press or the representation of indicators in the Italian news”, [Leiden Madtrics blog](#), 13 April 2022
- **Petrovich E.** (2020). “Practices and Malpractices. What the Analysis of Retractions can Tell us about the Research Ethos of the Humanities”, [DR2 blog](#), 18 May 2020
- **Petrovich E.** (2020). “Drawing maps with R. A basic tutorial”, [DR2 blog](#), 23 March 2020
- Baccini A., De Nicolao, G., **Petrovich E.**, (2019) “Italy’s miracle is an illusion” – [Times Higher Education](#), no. 2, 429, 10-16 October 2019
- Baccini A., De Nicolao, G., **Petrovich E.**, (2019) “How Performance Evaluation Metrics Corrupt Researchers” – [Intitute for New Economic Thinking Blog](#), 3 October 2019
- Baccini A., De Nicolao, G., **Petrovich E.** (2019), “Citarsi addosso. Ascesa scientifica dell’Italia? No, solo doping per inseguire i criteri ANVUR”, [Roars.it](#), 11 September 2019
- **Petrovich E.** (2018), “Immaginare la conoscenza. Gli studenti di Filosofia al Museo della Scienza e della Tecnologia” – [Gli Stati Generali](#), 8 January 2018
- Chiaromonte, F. I., De Maio, R., Formenti G., **Petrovich E.** (2017), “Università: una proposta per i dottorandi italiani” – [Lettera43.it](#), 13 October 2017
- Chiaromonte N., Formenti G., **Petrovich E.** (2017) “La valorizzazione del Dottorato inizia dal compenso” – [Roars.it](#), 25 July 2017

THIRD MISSION ACTIVITIES

- 2025, September. Organization of activities and participation in the European Night of Researchers 2025 in Turin.
- 2021, December. Interview with Federica Sgorbissa (science journalist) on "The cycle of knowledge: the function of peer review", appeared in a podcast for the website of *Le Scienze*.
- 2017, Fall. Organization of a 20-hour Seminar for Philosophy undergraduate students at the Science and Technology Museum of Milan (Museo della Scienza e della Tecnologia "Leonardo da Vinci"), with the staff members of the Museum and professors of the Department of Philosophy of Milan.
- 2017, September 29 – 30. Scientific direction and management of the Philosophy and Human Sciences stand at the European Night of Researchers 2017 in Milan (MEETmeTONIGHT 2017)
- 2016, September 30 – October 1. Scientific direction and management of the Philosophy and Human Sciences stand at the European Night of Researchers 2016 in Milan (MEETmeTONIGHT 2016). The project of the stand was selected in the internal call of the University of Milan. It was the first time that the Department of Philosophy had a stand in the MEETmeTONIGHT.

SCHOLARSHIPS AND GRANTS

- 2023, Young Researchers PNRR (Seal of Excellence track) grant (€150 000)
- 2021, Seal of Excellence @ UNISI grant (€50 000)
- 2019, Vossius Junior Visiting Fellowship (€1 500)
- 2018-2019, Research Grant by ANVUR for the project MAVERICK (€2000).
- 2015-2018, Research Support Award for talks at professional conferences and seminars, granted by Doctoral School in Philosophy and Human Sciences, University of Milan (€3 000)
- 2017, Institut Français Italia Grant for organizing the Workshop "Digital Humanities e Archeologia del Sapere. Quale dialogo?" (€500)
- 2016, ENS Lyon Summer School grant, granted by Ecole Normale Supérieure
- 2015-2018, Three-year PhD Scholarship, granted by University of Milan
- 2013, Mobility Allowance, "Erasmus Studentship", granted by European Union

SERVICES TO THE PROFESSION Reviewer for *Scientific Reports*, *Synthese*, *Scientometrics*, *Science and Public Policy*, *The British Journal for the Philosophy of Science*, *Perspectives on Science*, *Quantitative Science Studies*, *PLOS ONE*, *ROARS Transactions*. *A Journal on Research Policy and Evaluation*, *Annals of Public and Cooperative Economics*, *Pharresia. A Journal of Critical Philosophy*, *Philosophy of Science*, *International Studies in the Philosophy of Science*.

COMPUTER AND
PROGRAMMING
SKILLS

- ☐ Advanced knowledge of Microsoft Windows environments and Office package (Word, Excel, PowerPoint)
- ☐ Advanced knowledge of VOSviewer (science-mapping software developed at the CWTS)
- ☐ Good command of Clarivate Web of Science and Elsevier Scopus platforms
- ☐ Good command of Python
- ☐ Good command of Gephi (network analysis and visualization software)
- ☐ Good command of Pajek (network analysis software)
- ☐ Good command of SQL
- ☐ Good command of Google Maps APIs
- ☐ Good command of R
- ☐ Good command of L^AT_EX

LANGUAGES Italian (native speaker), English (fluent in spoken and written), French (good in spoken and written), German (basic in spoken and written).

REFEREES

- **Prof. Alberto Baccini**
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- **Prof. Paolo Tripodi**
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- **Prof. Arianna Betti**
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