

João Vitor Ferrari Rabelo

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AREAS OF SPECIALIZATION

Logic, Philosophies of Science & Mathematics, and History of Analytic Philosophy
(with a special focus on the works of Russell, Wittgenstein, Carnap, Quine, Putnam)

EDUCATION

- 2022-Present PhD, Philosophy – University of São Paulo (USP)**
 Research Line: Logic & Philosophy of Science / Advisor: Valter Alnis Bezerra
 Subject: Scientific structuralism and trivialization
 Grade Point Average: A
- 2024 Visiting PhD Student – Munich Center for Mathematical Philosophy (MCMP-LMU)**
 Capes-PrInT Scholarship / Advisor: Hannes Leitgeb
- 2019-2021 M.A., Philosophy – Federal University of Minas Gerais (UFMG)**
 Research Line: Logic, Science, Mind and Language / Advisor: Mauro Engelmann
 Thesis: Logical networks and Physics within language: from Hertz's mechanics to a non-metaphysical reading of the Tractatus
 [Maximum grade, and recommended for publication and *best thesis* award]
 Grade Point Average: A
- 2014-2018 B.A, Social Sciences – UFMG**
 Bachelor's thesis: *Formalism and contingency: a non-resolute approach to Tractatus' philosophy of science* (Grade: A) / Advisor: Mauro Engelmann
 Grade Point Average: A (4.78/5.00)
- 2015-2018 Supplementary Course (Minor, 360h+) in Philosophy – UFMG**
 Grade Point Average: A
- 2012-2013 B.Sc., Physics – UFMG (2 semesters)**

ADDITIONAL QUALIFICATION

- 2023 SPLogic International School of Logic – Unicamp**
 Advanced School on Contemporary Logic, Rationality, and Information. Campinas, Brazil.

- 2023 Object Oriented Programming Lab – USP**
Intensive course on Object Oriented Programming. Virtual.
- 2022 Models & Methods – Universität Wien**
Summer School: Mathematical Explanation and Computational Methods. Vienna, Austria.
- 2022 Databases & SQL for Data Science with Python – IBM**
Intensive course on Databases and Structured Query Language using Python. Virtual.
- 2018 DAAD-Hochschulwinterkurs – Universität Leipzig**
Scholarship for intensive German language studies. Leipzig, Germany.
- 2010 San Diego University for Integrative Studies**
Intensive English language course and exchange program. San Diego, USA.
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EXPERIENCE

- 2025-Present Teaching Assistant (PAE) – USP**
Course: Logic I (120h).
- 2023 Teaching Assistant for Academic Writing (PLEA) – USP**
Courses: Anthropology II (90h).
- 2022 Reviewer**
Revista Perspectivas (Federal University of Tocantins).
- 2019-2020 Graduate Teaching Assistant, UFMG**
Courses: History of Contemporary Philosophy I (90h), and Logic (90h).
- 2019-Present Translator**
Freelance translator of scientific manuscripts (Pt/En).
Translation of Carnap's "Der logische Aufbau der Welt" (De/Pt) — in progress.
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RESEARCH EXPERIENCE & GRANTS

- 2025-Present Teaching Assistant Scholarship (PAE) – USP**
Main area: Philosophy / Logic.
- 2022-Present PhD Full-Time Fellowship (CAPES) – USP**
Main area: Philosophy / Subject: Scientific structuralism and trivialization.
- 2024 Selected for the DAAD Bi-nationally Supervised PhD 2024/2025 Scholarship**
(Incompatible with Capes-PrInt Scholarship's Schedule, so I had to refuse)
- 2024 Capes-PrInt Visiting Doctoral Student Scholarship – MCMP/LMU**
Main area: Philosophy / Subject: Scientific structuralism and trivialization.
- 2023 Teaching Assistant for Academic Writing Scholarship (PLEA) – USP**
Main area: Social Sciences / Anthropology.

- 2019-2021 **M.A. Full-Time Fellowship (CAPES) – UFMG**
Main area: Philosophy / Subject: Hertz's mechanics and Wittgenstein's Tractatus.
- 2018-2019 **Undergraduate Research Fellowship (Fapemig) – UFMG**
Main area: Philosophy / Subject: Physics in Wittgenstein's Tractatus.
- 2016-2017 **Undergraduate Research Fellowship (Fapemig) – UFMG**
Main areas: Urbanism and Sociology / Subject: Content analysis of media coverage.
- 2012-2013 **Undergraduate Research (volunteer) – UFMG**
Main area: Physics. / Subject: Modeling the geometry of molecules on graphene.
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RESEARCH OUTPUT

- Manuscripts* Trivialization in Mathematics (Work in Progress)
[The paper develops an objection to mathematical structuralism based on the very semantic indeterminacy that the view relies on]
- Language and science in the Tractatus: from Hertzian mechanics to Wittgenstein's view on physics (Work in Progress – Revise & Resubmit for *Perspectives on Science*)
[The paper argues that Wittgenstein's adoption of Hertz's *formal deflationism* ends up ruling out a purported conventionalist view of physics in the Tractatus]
- Conferences* **Ferrari, J.** (2023) *Newman's objection and its impact on Scientific Structuralism*. New Perspectives on Anomalies in the Sciences Workshop, UFRJ, Brazil.
Ferrari, J. (2023) *Non-trivial structuralism*. SPLogic International School of Logic, Unicamp, Brazil.
Ferrari, J. (2022) *Hertz's Deflated Mechanics and the Structural Conception of Scientific Objectivity in Wittgenstein's Tractatus*. British Society for the History of Science Postgraduate Conference, University of Birmingham, UK.
Mediator in (2021) *IV Encontro de Pós-Graduação em Filosofia*. Section: Logic, Philosophy of Science, and Mathematics. UFMG, Brazil.
Ferrari, J. (2019) *On a formal account of science: Hertz's influence on the early Wittgenstein and the non-metaphysical approach to science*. 10^o EEOFC, PUC-SP, Brazil.
Ferrari, J. (2019) *A influência de Hertz em Wittgenstein*. Quine & Wittgenstein Colloquium, UFMG, Brazil.
Organization (2018) *V Middle Wittgenstein Colloquium*. UFMG, Brazil.
Ferrari, J. (2018) *Do Solipsismo no Tractatus: Entre o Realismo e o Sujeito Metafísico*.
- Non Philosophical Output* **Ferrari, J.** (2021) Manifesto utópico. In: Monteiro, L. et al (Org.). *Antropokaos*. 1ed. Belo Horizonte, 2021, pp. 146-150. [Essay: the aesthetic paradigm of current science fiction]
- Morado Nascimento, Carmo & **Ferrari** (2018) O discurso midiático em prol das parcerias público-privadas. In R. Rolnik et al (Org.). *Cidade Estado Capital: reestruturação urbana e resistência em Belo Horizonte, Fortaleza e São Paulo*. São Paulo: FAU-USP, 346-59.
[Book chapter: content analysis of media coverage of public-private partnerships.]
- Ferrari, J.** & Lorenzo, F. (2018) *Liberdades Negativa e Positiva: um breve diálogo com os teóricos do Estado moderno*. Talk, EAU/UFMG, Brazil.

Ferrari, J. & Lorenzo, F. (2017) *Da ascensão das autoridades imparciais no contexto da judicialização da política no Brasil*. Undergraduate Research Seminar, UFMG, Brazil.
 Carmo E. & **Ferrari, J.** (2016) *A Construção do Discurso dos Atores Envolvidos no Programa Minha Casa Minha Vida*. Escola da Cidade, Brazil.

EXTRACURRICULAR ACTIVITIES

2025-Present Founder of the study group on Structuralism **GEST** (Virtual).

2023-Present Participates in the **Logic Seminar** coordinated by prof. Edécio Gonçalves (USP).

2023 Member of study group on Many-Valued Algebras (Virtual).

2015-2019 Co-founder and member of **FAFICH-Cineclub** [We promoted several film festivals and debates with producers in the Metropolitan Area of Belo Horizonte, independently and also through partnerships with cultural centers, such as SESC Palladium and FCS].

SKILLS

IT: Python, R, SQL, and knowledge of SPSS.

Languages: Portuguese (**native**), English (**C1**), German (**B2**), Spanish (**B2**), Italian (**A1**).

HOBBIES

Writing Essays.

Musical instruments: Guitar & Electric guitar, trumpet, Bass Guitar.

REFERENCES

Prof. Dr. Valter A. Bezerra, USP
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Prof. Dr. Mauro Engelmann, UFMG
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Prof. Dr. João V. G. Cuter, USP
jvgcutter@usp.br