

# João Vitor Ferrari Rabelo

**Address** R. Diana 1039 – São Paulo, SP  
**Phone** Cell phone number: +55 (31)994-191-658  
**Email** [joaovitorfr@gmail.com](mailto:joaovitorfr@gmail.com) / [joaovitorfr@usp.br](mailto:joaovitorfr@usp.br)  
**Lattes** <http://lattes.cnpq.br/6587006557641471>  
**ORCID** <https://orcid.org/0000-0002-4364-7643>

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## AREAS OF SPECIALIZATION

Logic, Philosophies of Science & Mathematics, Ontology, and History of Analytic Philosophy (in particular, Russell, Wittgenstein, Carnap, and Quine)

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## EDUCATION

- 2022-Present* **PhD, Philosophy – University of São Paulo (USP)**  
 Research Line: Logic & Philosophy of Science / Advisor: Valter Alnis Bezerra  
 Subject: Scientific structuralism and the risk of trivialization  
 Grade Point Average: A
- 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)**
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## 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

- 2023-Present **Teaching Assistant for Academic Writing (PLEA) – USP**  
Courses: Anthropology II (90h).
- 2022-Present **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

- 2022-Present **PhD Full-Time Fellowship (CAPES) – USP**  
Main area: Philosophy / Subject: Scientific structuralism and the risk of trivialization.
- 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

- Manuscript* - **Ferrari, J.** (2023) Language and science in the Tractatus: from Hertzian mechanics to Wittgenstein's view on physics (Revise & Resubmit for *Perspectives on Science*)  
[Paper arguing that Wittgenstein's adoption of Hertz's formal deflationism ends up ruling out a purported conventionalist view of physics in the Tractatus]
- Book chapters* - **Ferrari, J.** (2021) Manifesto utópico. In: Monteiro, L. *et al* (Org.). *Antropokaos*. 1ed. Belo Horizonte, 2021, pp. 146-150. [Essay on 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. [Study on

### media coverage of public-private partnerships employing content analysis]

- 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<sup>o</sup> 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*. Undergraduate Research Seminar, UFMG, Brazil.
  - **Ferrari, J. & Lorenzo, F.** (2018) *Liberdades Negativa e Positiva: um breve diálogo com os teóricos do Estado moderno*. UFMG, Brazil.
  - **Ferrari, J. & Lorenzo, F.** (2017) *Da ascensão das autoridades imparciais no contexto da judicialização da política no Brasil*. Social Sciences Week, UFMG, Brazil.
  - **Carmo E. & Ferrari, J.** (2016) *A Construção do Discurso dos Atores Envolvidos no Programa Minha Casa Minha Vida*. Escola da Cidade, Brazil.
  - **Organization** of book release: (2016) Raquel Rolnik's *Guerra dos Lugares*. UFMG, Brazil.

## EXTRACURRICULAR ACTIVITIES

*2023-Present* Member of **Study Group on Logic**, coordinated by prof. Edécio Gonçalves (USP).

*2023-Present* Co-founder of the **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.

*String instruments:* Guitar & Electric guitar, Viola (folk), Bass Guitar.