

# Curriculum Vitae: Raoni Wohnrath Arroyo

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## Personal Data

**Name:** Raoni Wohnrath Arroyo

**Professional address:** Centre for Logic, Epistemology and the History of Science, University of Campinas, room 303  
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## Academic Formation

**Graduate (PhD):** Philosophy  
Graduate Program in Philosophy  
Federal University of Santa Catarina, Brazil  
2016–2020

Thesis title: Discussions on physics, metaphysics and metametaphysics: interpreting quantum mechanics

Supervisor: Décio Krause

**Graduate (MA):** Philosophy  
Graduate Program in Philosophy  
State University of Maringá, Brazil  
2013–2015

Dissertation title: O problema ontológico da consciência na mecânica quântica (in Portuguese)

Supervisor: Andrea Faggion

**Undergraduate (Lic.):** Philosophy  
Department of Philosophy, State University of Maringá, Brazil  
2007–2012

## Academic Career

### **Postdoctoral Researcher:**

Center for Logic, Epistemology and the History of Science  
University of Campinas, Brazil  
2022–

Support: grant #2021/11381-1, São Paulo Research Foundation (FAPESP)

### **Postdoctoral Researcher:**

Graduate Program in Philosophy  
Federal University of Santa Catarina, Brazil  
2021–2021

### **Areas of Specialization**

Philosophy of science, epistemology, philosophy of quantum mechanics.

### **Areas of Competence**

Metaphysics.

### **Papers (last five years)**

1. The epistemic value of metaphysics (with Jonas R. B. Arenhart). *Synthese*, 2022, <http://dx.doi.org/10.1007/s11229-022-03833-5>.
2. Taking models seriously and being a linguistic realist (with Gilson O. da Silva). *Principia*, **26**(1), p. 73-94, 2022.
3. The Powers of Quantum Mechanics: A Metametaphysical Discussion of the “Logos Approach” (with Jonas R. B. Arenhart). *Foundations of Science*, 2022, <https://doi.org/10.1007/s10699-022-09837-1>
4. Notas sobre o misticismo racional de Erwin Schrödinger (in Portuguese, with William D. Sversutti). *Griot* **22**(1), p. 215-226, 2022.
5. The spectrum of metametaphysics: mapping the state of art in scientific metaphysics (with Jonas R. Becker Arenhart). *Veritas* **66**(1), p. e41217, 2021.
6. Making New Tools From the Toolbox of Metaphysics. *Erkenntnis*, 2021, <https://doi.org/10.1007/s10670-021-00444-3>.
7. Against ‘Interpretation’: Quantum Mechanics Beyond Syntax and Semantics (with Gilson O. da Silva). *Axiomathes*, 2021, <https://doi.org/10.1007/s10516-021-09579-y>.
8. On Physics, Metaphysics, and Metametaphysics (with Jonas R. B. Arenhart). *Metaphilosophy* **52**(4), p. 175-199, 2021.
9. Back to the Question of Ontology (and Metaphysics) (with Jonas R. Becker Arenhart). *Manuscrito* **44**(2), p. 1-51, 2021.
10. Is Coronavirus an object? Metametaphysics meets medical sciences. *Voluntas* **11**(7), p. 1-8, 2020.
11. Underdeterminations of Consciousness in Quantum Mechanics (with Lauro M. Nunes Filho) *Principia* **22**(2): p. 321-337, 2018.

### **Book chapters (last five years)**

1. Realismo e metafísica na mecânica quântica (in Portuguese, with Jonas R. B. Arenhart). In: Guido Imaguire, Rodrigo Cid (eds.) *Problemas de Metafísica Analítica*, pp.269-309. Pelotas: Nefil Online, 2020.

2. Between Physics and Metaphysics: a discussion of the status of mind in quantum mechanics (with Jonas R. B. Arenhart). In: J. A. de Barros. C. Montemayor (eds.) *Quanta and Mind. Essays on the connection between Quantum Mechanics and Consciousness*. Springer, 2019, pp.31-42.

**Other academic activities**

Reviewer for Philosophy Journals: Axiomathes, Peri, Philosophia, Principia, Veritas.