Eduardo N. Giovannini

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Employment

- **Senior Postdoctoral Researcher**, Department of Philosophy, University of Vienna, Vienna, Austria, 02/2020–present.

- **Associate Researcher** (Tenure position), National Scientific and Technical Research Council (CONICET), Universidad Nacional del Litoral, Argentina, 04/2016–present. (On leave)

- **Assistant Professor** (Tenure position), Facultad de Humanidades y Ciencias, Universidad Nacional del Litoral, Santa Fe, Argentina, 08/2015–present. (On leave)

- Postdoctoral Research Fellow, National Scientific and Technical Research Council (CONICET), Argentina, 04/2013–03/2016.

- Doctoral Research Fellow, National Scientific and Technical Research Council (CONICET), Argentina, 04/2008–03/2013.

Education

- Ph.D. (with distinction), Philosophy, University of Buenos Aires, 2013; *Dissertation:* David Hilbert's Axiomatic Conception of Geometry (in Spanish).

- "Licenciado en Filosofía" (B.A. + M.A) (with distinction), Philosophy, Universidad Nacional del Litoral (Argentina), 2008; *Thesis:* Kant's Transcendental Deduction of the categories: a rational reconstruction (in Spanish).

Visiting positions

- Visiting Scholar, Munich Center for Mathematical Philosophy, Ludwig-Maximilians-Universität München, Munich, Germany, 09/2021–10/2021.

- Visiting Scholar, Department of Philosophy, University of Vienna, Austria, 06/2018–08/2018.

- Postdoctoral Research Fellow, Department of Philosophy, University of Vienna, Austria, 04/2017–09/2017.

- Visiting Scholar, Department of Philosophy, University of California at Berkeley, Berkeley, CA, USA, 08/2014–12/2014.

- Postdoctoral Research Fellow, Max Planck Institute for the History of Sciences, Berlin, Germanty, 06/2013–08/2013.

- Visiting Doctoral Fellow, Institute of Philosophy, University of Paderborn, Germany, 10/2009–09/2010.

Areas of Specialization

History and Philosophy of Mathematics; History and Philosophy of Logic; Kant's theoretical philosophy.

Areas of Competence

General Philosophy of Science; Epistemology; Philosophy of Physics.

Grants & Awards (Selection)

- "Joint Excellence in Science and Humanities" Research Grant, ÖAW (Austrian Academy of Science), 04/2017 - 08/2017.

- Postdoctoral Fellowship, National Scientific and Technical Research Council (CONICET, Argentina), 04/2013–03/2016.

- Postdoctoral Research Grant, Max Planck Institute for the History of Sciences, Berlin (Max Planck Society), 06/2013–08/2013.

- Doctoral Fellowship, German Academic Exchange Service (DAAD), 06/2009–09/2010.

- Doctoral Fellowship, National Scientific and Technical Research Council (CONICET, Argentina), 04/2008–03/2013.

Funded Research Projects

3. *Purity and Abstraction in Modern Geometry: Historical and Philosophical Perspectives*, Lise Meitner Grant, Austrian Science Fund (FWF), Austria, 02/2020–01/2022, € 172.760 (EUR), -.

2. *Contemporary perspectives on realism in epistemology and philosophy of mathematics*, Universidad Nacional del Litoral (Argentina), 04/2017–03/2020, $ 56.000 (ARS), -.

1. *Impossibility Results in Geometry: Historical and Systematic Perspectives*, National Agency for Scientific and Technological Promotion (Argentina), 08/2018–07/2020, $ 160.000 (ARS), -.

Presentations (Selection last five years)

- "Implicit definitions and the development of modern axiomatics" (with Georg Schiemer), *12th Congress of the International Society for History of Philosophy of Science (HOPOS)*, Groningen, 09-12/07/2018.

- "Harmonizing Euclidean geometry": Hilbert and the theory of proportion, *4th International Meeting of the Association for the Philosophy of Mathematical Practice*, Salvador da Bahía, 23–27/10/2017.

- "Geometry, number and structural axiomatics", *International Workshop: Structural Methods in Nineteenth-Century Mathematics*, Vienna, 13–14/07/2017.

- "On Hilbert's foundations of the theory of plane area", *Triennial International Conference of the Italian Society for Logic and Philosophy of Science*, Bologna, 20-23/06/2017.

- "Hilbert on geometry, purity and continuity", *3th International Meeting of the Association for the Philosophy of Mathematical Practice*, Paris I–Sorbonne, 02–04/11/2015.

Editorial service

I have refereed books for *College Publications* and papers for *Manuscrito*, *Dianoia*, *Journal for General Philosophy of Science* and *Revista Colombiana de Filosofía*.

Publications (Selection). Orcid profile

Books

1. *David Hilbert y los fundamentos de la geometría (1891–1905)* [David Hilbert and the foundations of geometry (1891–1905)], College Publications, London, 2015, 336 pages.[1] Link

Articles (peer reviewed)

12. "David Hilbert and the foundations of the theory of plane area", *Archive for the History of Exact Sciences*, (Berlin), (2021). *Online First.* Link

11. "What are implicit definitions?", (with G. Schiemer), *Erkenntnis*, (Munich), (2019). *Online First.* Link

10. "De Zolt's Postulate: An Abstract Approach", (with E. Hauesler, A. Lassalle Casanave and P. Veloso), *The Review of Symbolic Logic*, (Cambridge), (2019). *First view* Link

9. "On Comparison, Equivalence and Addition of Magnitudes", (with A. Lassalle Casanave and P. Veloso), *Principia: An International Journal of Epistemology*, (Florianópolis), (2019), 23(2), 153-173. Link

8. "Bridging the Gap between Synthetic and Analytic Geometry: Hilbert's Axiomatic approach", *Synthese*, (Berlin), (2016), 193 (1), pp. 31–70.[2] Link

7. "De la práctica euclideana a la práctica hilbertiana: las teorías de las áreas", (with A. Lassalle Casanave and P. Veloso), [From Euclidean to Hilbertean practice: the theories of plane areas], *Revista Portugesa de Filosofía*, (Lisboa), (2017), 73 (3-4), pp. 1263-1294. Link

6. "El reto de Hilbert en la teoría de las magnitudes poligonales" [Hilbert's challenge in the theory of polygonal magnitudes], *Revista Latinoamericana de Filosofía*, (Buenos Aires), (2017), 43, pp. 207–235. Link

5. "Aritmetizando la geometría desde dentro: el cálculo de segmentos [*Streckenrechnung*] de David Hilbert" [Arithmetizing Geometry from within: Hilbert's Segment Arithmetics], *Scientiae Studia*, (Sao Pablo), (2015), 13 (1), pp. 11–48. Link

4. "Geometría, formalismo e intuición: David Hilbert y el método axiomático formal" [Geometry, formalism and intuition: David Hilbert and the formal axiomatic method], *Revista de filosofía*, (Madrid), (2014), 39 (2), pp. 121–146. Link

3. "Completitud y continuidad en *Fundamentos de la geometría* de Hilbert: acerca del *Vollständigkeitsaxiom*" ("Completeness and Continuity in Hilbert's Foundations of Geometry: on the Vollständigkeitsaxiom"), *Theoria*, (Madrid), (2013), 28: 76, pp. 139–163.[3] Link

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[1] Reviewed in *zbMATH*: Zbl 1329.01005.

[2] Listed as "Notable writing" in Mircea Pitici (ed.) *The Best Writing on Mathematics 2017*, Princeton, Princeton University Press, 2018, p. 204. Reviewed in *zbMATH* Zbl 1269.03002

[3] Reviewed in *zbMATH*: Zbl 1269.03002.

2. 'Una imagen de la realidad geométrica': la concepción axiomática de la geometría de Hilbert a la luz de la *Bildtheorie* de Heinrich Hertz (A picture of geometrical reality: Hilbert's axiomatic conception of geometry under the light of Heinrich Hertz's Bildtheorie), *Crítica. Revista Hispanoamericana de Filosofía*, (México), (2012),44, pp. 27–53. Link

1. "Intuición y método axiomático en la concepción temprana de la geometría de David Hilbert" ("Intuition and axiomatic method in Hilbert's early view on geometry); *Revista Latinoamericana de Filosofía*, (Buenos Aires), (2011), 37:1, pp. 35–65. Link

Chapters in Books & Collections

1. "Reflections on Kant's theory of geometrical concepts formation"; in S. Bacin, A. Ferrarin, C. La Rocca and M. Ruffing (Eds.); *Kant and Philosophy in a Cosmopolitan Sense. Proceedings of the 11th International Kant–Congress*, De Gruyter, Berlin–New York, (2013), vol. 5, pp. 43–54. Link

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