Francesca Biagioli
Curriculum Vitae

Contact

Address: University of Konstanz, Zukunftskolleg
P.O. Box 216, 78457 Konstanz, Germany
Telephone: +49 7531 88-2015
Fax: +49 7531 88-4829
Email: francesca.biagioli@uni-konstanz.de
Web: www.zukunftskolleg.uni-konstanz.de

Personal details

Date of birth: 15 June 1983
Nationality: Italian
Gender: Female

Areas of specialization

Kant and neo-Kantianism; philosophy of mathematics; epistemology of measurement.

Areas of competence

Classical German philosophy; phenomenology; logical positivism; epistemology; history and philosophy of science; general philosophy of science.

Education

2012: Ph.D. in History of philosophical and scientific thought, Department of Philosophy, University of Turin.

Dissertation: "Spazio, numero e geometria. La sfida di Helmholtz e il neokantismo di Marburgo: Cohen e Cassirer" (Space, Number, and Geometry. Helmholtz's Challenge and Marburg Neo-Kantianism: Cohen e Cassirer).

Advisor: Prof. Massimo Ferrari.

2008: M.A., Department of Philosophy, University of Milan (laurea summa cum laude).

Dissertation: "Logica formale e logica trascendentale nelle ricerche del neokantismo" (Formal and Transcendental Logic in Neo-Kantianism).

Advisor: Prof. Renato Pettoello.

2006 – 2007: ERASMUS student at the University of Marburg

2005: B.A., Department of Philosophy, University of Milan (laurea summa cum laude)

Employment

August 2014 – present: Marie Curie Postdoctoral fellow of the Zukunftskolleg and member of the Philosophy Department, University of Konstanz

September – December 2015: Visiting fellow of the Pittsburgh Center for Philosophy of Science

February – July 2014:	Resident at the Mediterranean Institute for Advanced Research at the Aix-Marseille University
October 2013 – February 2014:	International fellow, New Europe College – Institute for Advanced Study in Bucharest
October 2012 – July 2013:	Postdoctoral research fellow of the German Academic Exchange Service (DAAD), University of Paderborn

Grants and fellowships

April – June 2017:	Visiting fellowship at the University of California, Irvine, Department of Logic and Philosophy of Science
August 2014 – present:	Marie Curie Zukunftskolleg postdoctoral fellowship, University of Konstanz
April – May 2016:	Visiting fellowship, Munich Center for Mathematical Philosophy
September – December 2015:	Visiting fellowship, Pittsburgh Center for Philosophy of Science
February – April 2015:	Visiting fellowship, Leeds Centre for History and Philosophy of Science
February – July 2014:	Resident stipend, Mediterranean Institute for Advanced Research at the Aix-Marseille University
October 2013 – February 2014:	New Europe College international fellowship, Bucharest
October 2012 – July 2013:	DAAD postdoctoral fellowship, University of Paderborn
January 2009 – December 2011:	Doctoral grant, University of Turin
October 2006 – July 2007:	ERASMUS stipend, University of Marburg

Qualifications

Qualifié aux fonctions de maître de conférences en Epistémologie, histoire des sciences et des techniques (Section 72, N° de qualification 17272296679). (Qualified for academic teaching in Epistemology, history of science and technology).

Languages

Italian (native), English (fluent), German (fluent), French (fluent), Latin (education in classical studies), Ancient Greek (education in classical studies).

Professional memberships/affiliations

Gesellschaft für Wissenschaftsgeschichte

HOPOS: The International Society for the History of Philosophy of Science

SIFA: The Italian Society for Analytic Philosophy

Marie Curie Fellows Association

DAAD Alumni Association

Professional service

Chair of the Nominations and Elections Committee of the International Society for the History of Philosophy of Science (HOPOS)

Reviewer for journals: *Philosophy of Science*, *Studies in History and Philosophy of Science*, *Journal for the History of Analytical Philosophy*.

Organized activities

1. International conference: "Neo-Kantian Perspectives on the Exact Sciences," organized in collaboration with Marco Giovanelli (University of Tübingen), University of Konstanz, 22–24 January 2016.
2. International workshop: "Interactions between Philosophy and the Sciences in the Debate about Spatial Intuition and the Foundations of Geometry," IMéRA/The Mediterranean Institute for Advanced Research of the Aix-Marseille University, 27 June 2014.

Teaching activities

Teaching at the University of Konstanz, Faculty of Philosophy:

Summer semester 2016–2017:	Philosophie der Mathematik
Winter semester 2016–2017:	Kant und die Frage nach der Methode der Transzendentalphilosophie; undergraduate seminar in Theoretical Philosophy, History of Philosophy.
Summer semester 2015–2016:	Unterschiedliche Auffassungen über die Aufklärung im 20. Jahrhundert: Adorno und Cassirer; undergraduate seminar in Practical Philosophy, History of Philosophy.
Summer semester 2015–2016:	Historische Einführung in die Wissenschaftstheorie; M.A. seminar.
Summer semester 2014–2015:	Ernst Cassirers Kulturphilosophie; undergraduate seminar in Theoretical philosophy, History of Philosophy.

Teaching at the University of Milan, Faculty of Humanities:

March – May 2014:	La prospettiva storica e l'a priori relativizzato nella filosofia della scienza di Michael Friedman (The Historical Perspective and the Relativized A Priori in Michael Friedman's Philosophy of Science); undergraduate seminar.
November 2011:	Collaboration with Renato Pettoello within the undergraduate course "La *Critica della ragion pura* di Kant e i destini del criticismo;" 4-hour lecturing: "Cassirer e Nelson: Una controversia sul metodo critico."

Teaching at the University of Paderborn, Faculty of Cultural Sciences: Philosophy:

Sommer semester 2012–2013:	Texte zum Neukantianismus, undergraduate seminar taught in collaboration with Henning Peucker.

Lecturing in graduate seminars

1. „Alois Riehls wissenschaftstheoretisches Argument für die Erkennbarkeit der Dinge an sich“, Forschungskolloquium, Technische Universität Darmstadt, 8 February 2016.
2. “Are There Neo-Kantian Roots of Structural Realism?” Research Colloquium, Department of Philosophy, Universität Konstanz, 9 June 2015.
3. „Kant und Helmholtz über die Frage nach der Form des Raumes und die Grundlagen der Geometrie“, Kolloquium für Wissenschaftstheorie und Wissenschaftsgeschichte, Ruhr-Universität Bochum, 13 June 2013.
4. „Methodologische und erkenntnistheoretische Aspekte in Felix Kleins Betrachtungen über die projektive Maßbestimmung“, Oberseminar zur Geschichte der Mathematik, Universität Mainz, 30 April 2013.
5. “Mathematical Method in Cassirer’s Philosophy of Science,” *Philosophy and History of Science Seminars 12-13*, University of Bristol, 20 March 2013.

Publications

Books

1. Biagioli, F. *Space, Number, and Geometry from Helmholtz to Cassirer*. Springer: Archimedes, 2016.
2. *Ernst Cassirer–Leonard Nelson: Una controversia sul metodo critico*. Cassirer–Nelson selected writings translated and edited with an introductory essay by Francesca Biagioli. Brescia: Morcelliana, 2011.

Articles

1. Biagioli, F. “Articulating Space in Terms of Transformation Groups: Helmholtz and Cassirer.” Invited submission to the *Journal for the History of Analytical Philosophy* (forthcoming).
2. Biagioli, F. “Intuition and Conceptual Construction in Weyl’s Analysis of the Problem of Space.” In *Weyl and the Problem of Space*, edited by Julien Bernard and Carlos Lobo. Springer: Studies in History and Philosophy of Science (forthcoming).
3. Biagioli, F. “Cohen and Helmholtz on the Foundations of Measurement.” In *Philosophie und Wissenschaft bei Hermann Cohen*, edited by Christian Damböck, Springer: Veröffentlichungen des Instituts Wiener Kreis (forthcoming).
4. Biagioli, F. “Space as a Source of Knowledge and as an Object of Research: The Transformation of the Concept of Space in the Post-Kantian Philosophy of Geometry.” In *Space, Time, and Limits of Human Understanding*, edited by Giancarlo Ghirardi and Shyam Wuppuluri, pp.3–14. Springer: The Frontiers Collection, 2017.
5. Biagioli, F. “Empirical and Formal Conditions in Helmholtz’s Theory of Measurement.” In *Limits of Knowledge between Philosophy and the Sciences*, edited by Michael Anacker and Nadia Moro, pp.75–101. Milano: Mimesis International, 2016.
6. Biagioli, F. “Cassirer’s View of the Mathematical Method as a Paradigm of Symbolic Thinking.” *Lectiones & Acroases Philosophicae* 8.1(2015): 193–223.
7. Biagioli, F. “Hermann Cohen and Alois Riehl on Geometrical Empiricism.” *HOPOS: The Journal of the International Society for the History of Philosophy of Science* 4(2014): 83–105.

8. Biagioli, F. “What Does It Mean That ‘Space Can Be Transcendental without the Axioms Being So’? Helmholtz’s Claim in Context.” *Journal for General Philosophy of Science* 45(2014): 1–21.
9. Biagioli, F. “Between Kantianism and Empiricism: Otto Hölder’s Philosophy of Geometry.” *Philosophia Scientiae* 17.1(2013): *La pensée épistémologique de Otto Hölder*, edited by Paola Cantù and Oliver Schlaudt, pp.71– 92.
10. Biagioli, F. “Limits of Knowledge between Philosophy and the Sciences.” *Rivista di Storia della Filosofia* 48(2013): 393–398.

Annotated bibliographies

1. “Helmholtz in Neo-Kantianism.” *Neukantianismus-Forschung Aktuell* 2013.1 (2013), https://docs.google.com/viewer?a=v&pid=sites&srcid=ZGVmYXVsdGRvbWFpbnxuZXVrYW50aWFuaXNtdXNmb3JzY2h1bmd8Z3g6Mjg0ZTM4NzM2MzQ2MjQ0Yg, pp.13–26.

Book reviews

1. *The Neo-Kantian Reader*, edited by Sebastian Luft. Abingdon: Routledge, 2015. Invited review for the *Journal for the History of Analytical Philosophy*.
2. *The Philosophy of Ernst Cassirer: A Novel Assessment*, edited by J. Tyler Friedman and Sebastian Luft. Berlin: De Gruyter, 2015. *HOPOS: The Journal of the International Society for the History of Philosophy of Science* 6.1(2016): 164–167.
3. Ernst Cassirer, *L’idea di costituzione repubblicana*, a cura di Renato Pettoello, Brescia: Morcelliana, 2013, *Humanitas* (2013)5: 888–892.

Other publications

1. “The Symbolic Function of Mathematics in Ernst Cassirer’s Philosophy of Culture.” *New Europe College Yearbook 2013 – 2014*, pp.95–120.
2. “Ernst Cassirers Wissenschaftsphilosophie: Ordnung, Maß und mathematische Methode” (Ernst Cassirer’s Philosophy of Science: Order, Measure, and Mathematical Method). *Heinz Nixdorf Institut Jaresbericht* 2012, pp.148–151.

Work in progress

Manuscripts in preparation/under review:

1. “Structuralism and Mathematical Practice in Felix Klein’s Work on Non-Euclidean Geometry”
2. (With Flavia Padovani) “From Mathematical to Physical Coordination and Back. Why Mathematical Coordination Can Be More Entangled than it Looks Like”
3. “Cassirer on Scientific Representation and the Concept of Function”

Edited volumes

1. *Neo-Kantian Perspectives on the Exact Sciences*, edited by Francesca Biagioli and Marco Giovanelli.

Selected presentations

Invited talks

1. “Articulating Space in Terms of Transformation Groups”, Logik-café, University of Vienna, 23 January 2017.
2. “Mathematik und Anschauung”, Abendgespräche Kognition und Gehirn, Center for Experimental Psychology and Cognitive Science, University Giessen, 18 January 2017.
3. “Cassirer on Scientific Representation and the Concept of Function,” Philosophy Colloquium, University of Haifa, 13 December 2016.
4. “The Empirical in Space,” *The Stubbornness of the Empirical*, Performative Arts Forum, St. Erme, 3–7 March 2016.
5. “Continuities and Discontinuities across Theory Change: Ernst Cassirer’s Relativized Conception of the A Priori,” Lunchtime Colloquium of the Center for Philosophy of Science, University of Pittsburgh, 30 October 2015.
6. „Cohen und Helmholtz zur Frage nach den Grundlagen des Messens“, Philosophie und Wissenschaft bei Hermann Cohen, Universität Wien-Institut Wiener Kries, 24–26 November 2014.
7. „Die symbolischen Formen der Wirklichkeit: Cassirers Beitrag zur Relativierung des Kantischen Apriori“, Forum Philosophicum, Universität Tübingen, 2 July 2014.
8. “Cassirer and the Relativized A Priori,” Limits of Science, University of Wrocław, 24–25 April 2014.
9. “What Does It Mean That ´Space can be transcendental without the axioms being so’? Helmholtz’s Claim in Context,” Max Planck Institute for the History of Science, Berlin, 19 April 2012.
10. “Facts, Laws, and Theories in Duhem’s Analysis of Scientific Method,” Knowledge and Law: Perspectives on the Status of Laws in 19th-Century Philosophy of Science, University of Milan, 15–16 November 2012.

International conferences

1. With Flavia Padovani, “From Mathematical to Physical Coordination and Back. Why Mathematical Coordination Can Be More Entangled than it Looks Like”, *The Ninth Congress of the European Society for Analytic Philosophy (ESAP)*, LMU Munich, 21–26 August 2017.
2. “International Focus in the History of Philosophy of Science,” Joint “Mobility” workshop of the Martin Buber Society of Fellows and the Zukunftskolleg, University of Jerusalem, 11–12 December 2016.
3. “Arithmetization as a Tool of Discovery in Felix Klein’s Research Program and Epistemological Writings”, Eighth French Philosophy of Mathematics Workshop (FPMW 8) Marseille, 3–5 November 2016.
4. “Structuralism and Mathematical Practice in Felix Klein’s Work on Non-Euclidean Geometry”, *Foundations of Mathematical Structuralism*, Munich Center for Mathematical Philosophy, 12–14 October 2016.
5. “The Natural and the Normative Reconciled in Helmholtz’s Theory of Measurement”, In “The Natural and the Normative at 25,” Symposium with Gary Hatfield, presented at *HOPOS 2016: The International Society for the History of Philosophy of Science Society Congress*, University of Minnesota, 25 July 2016.

6. “Reconsidering the Semantic View of Theories from a Historical Perspective,” *The Semantics of Theories*, Munich Center for Mathematical Philosophy, 23 July 2016.
7. “Reconsidering the Philosophical Roots of Helmholtz’s Theory of Measurement,” *The Making of Measurement,* University of Cambridge, 23–24 July 2015.
8. “Intuition and Conceptual Construction in Weyl’s Analysis of the Problem of Space,” *Weyl and the Problem of Space*, University of Konstanz, 27–29 May 2015.
9. “Duhem and Cassirer on the Symbolic Form of Physical Reality,” *HOPOS 2014: The International Society for the History of Philosophy of Science Society Congress*, University of Ghent, 3–5 July 2014.
10. “Riehl’s Realism about the Thing in Itself and the Role of Metaphysics in the Sciences,” *Knowledge of Transcendent Objects*, New Europe College, Bucharest, 8–9 May 2014.
11. “Are There Neo-Kantian Roots of Structural Realism?” *EPSA13*, University of Helsinki, 28–31 August 2013.
12. “Empirical and Formal Conditions in Helmholtz’s Theory of Measurement,” *Dimensions of Measurement*, Center for Interdisciplinary Research, University of Bielefeld, 14–16 March 2013.
13. “Felix Klein’s Structuralism in Mathematics and Epistemology,” *Structuralism in Physics and Mathematics*, University of Bristol, 21–23 September 2012.
14. “Between Kantianism and Empiricism: Otto Hölder’s Philosophy of Geometry,” *14th Congress of Logic, Methodology and Philosophy of Science*, Nancy, 19–26 July 2011.

Research group talks

1. “Cassirer on Scientific Representation and the Concept of Function,” Munich Center for Mathematical Philosophy, 21 April 2016. 1.
2. “Empirical and Formal Conditions in Helmholtz’s Theory of Measurement,” Séminaire : « La mesure dans les sciences exactes et dans les sciences sociales », Aix-Marseille University, 21 May 2014.
3. „Projektive Maßbestimmung und Raumbegriff in Felix Kleins Forschungsprogramm“, *5. Rheinisch-Westfälischen Seminar für Geschichte und Philosophie der Mathematik*, Universität Siegen, 8 February 2013.

Departmental talks

4. “Ernst Cassirer’s Philosophy of the Concept of Function and 19th Century-Geometry”, Philosophisches Kolloquium, University of Konstanz, 16 February 2017.
5. “What Can We Learn from the History of Philosophy of Science”? Zukunftskolleg Jour fix, 1 June 2016.
6. „Philosophie und Mathematik bei Ernst Cassirer“, Kolloquium zur Philosophie, Universität Paderborn, 10 January 2013.