

Olivier Del Fabbro

Curriculum Vitae

Chair for Philosophy
ETH Zurich – Swiss Federal Institute of Technology in Zurich
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Education & Training

2006 - 2010	B.A. Philosophy (Major) and Italian (Minor) University of Freiburg, Freiburg, Germany
2010 - 2014	M.A. Philosophy (Major) and Media Studies (Minor) University of Basel, Basel, Switzerland
2015 - 2020	Ph.D. Department of Humanities, Social and Political Sciences, Section “Knowledge”, Chair for Philosophy ETH Zurich, Zurich, Switzerland
2020 - Present	Postdoctoral Researcher, Department of Humanities, Social and Political Sciences, Section “Knowledge”, Chair for Philosophy ETH Zurich, Zurich, Switzerland

Awarded Grants & Fellowships

01.03.2015 - 31.08.2015	AFR (Aides à la Formation-Recherche Luxembourg) PhD Fellowship - 9'000€
01.09.2015 - 28.02.2019	AFR PhD Grant - 146'539 €
28.08.2020	SNSF (Swiss National Science Foundation) Open Access Book Publication of PhD thesis - 15'539 CHF

Publications and Presentations

Monographs

- O. Del Fabbro. Philosophieren mit Objekten. Gilbert Simondons prozessuale Individuationsontologie. Campus Verlag, Frankfurt/New York 2021. (in press)

Journal Articles

- O. Del Fabbro. In between the Artificial and the Natural: The Mode of Existence of Self-Reproducing Cellular Automata. In: Jahrbuch Technikphilosophie. Nomos, Baden-Baden 2021. (in press)

Book Chapters

- O. Del Fabbro and P. Christen. Automatic Programming of Cellular Automata and Artificial Neural Networks Guided by Philosophy. In: *New Trends in Business Information Systems and Technology, Studies in Systems, Decision and Control, Volume 294*, Edited by Rolf Dornberger, Springer, Cham 2021, p. 131-146.
- O. Del Fabbro. Geleitwort: Gebt mir einen *Virus* und ich werde die Welt aus den Angeln heben – ein philosophischer Kommentar. In: *Psychologie Aspekte der COVID-19 Pandemie*. Edited by Charles Benoy, Kohlhammer Verlag, Stuttgart 2020, p. 15-19.
- O. Del Fabbro. Gilbert Simondon. in: *Technikanthropologie, Handbuch für Wissenschaft und Studium*. Edited by Martina Heßler and Kevin Liggieri, Nomos Edition Sigma, Baden-Baden 2020.
- O. Del Fabbro. Relationale Existenzweisen von Maschinen. In: *Mensch-Maschine-Interaktion, Handbuch zur Geschichte-Kultur-Ethik*. Edited by Kevin Liggieri and Oliver Müller, J.B. Metzler, Stuttgart/Weimar 2019, p. 63-70.

Dictionary Entries

- O. Del Fabbro. Individualisation/Interaktion. In: *Mensch-Maschine-Interaktion, Handbuch zur Geschichte-Kultur-Ethik*. Edited by Kevin Liggieri and Oliver Müller, J.B. Metzler, Stuttgart/Weimar 2019, p. 266-268.
- O. Del Fabbro. Relation. In: *Mensch-Maschine-Interaktion, Handbuch zur Geschichte-Kultur-Ethik*. Edited by Kevin Liggieri and Oliver Müller, J.B. Metzler, Stuttgart/Weimar 2019, p. 294-296.

Conference Papers

- O. Del Fabbro and P. Christen. Cybernetical Concepts for Cellular Automaton and Artificial Neural Network Modelling and Implementation. In: *IEEE International Conference Systems, Man and Cybernetics on Industry 4.0*, Bari 2019.

Preprint Publications

- O. Del Fabbro and P. Christen. Individuation and Adaptation in Complex Systems. arXiv, <https://arxiv.org/abs/2009.00110>, 2020.
- O. Del Fabbro and P. Christen. Cybernetical Concepts for Cellular Automaton and Artificial Neural Network Modelling and Implementation. arXiv, <https://arxiv.org/abs/2001.02037>, 2019.
- O. Del Fabbro and P. Christen. Automatic Programming of Cellular Automata and Artificial Neural Networks Guided by Philosophy. arXiv, <https://arxiv.org/abs/1905.04232>, 2019.

Newspaper Articles (selection)

- O. Del Fabbro. Grausam zu Tode gequält – George Floyds Tod aus einer Kampfsportperspektive. In: *Tageblatt, Luxembourg*, 18.06.2018.
- O. Del Fabbro. Der Fisch – weit mehr als eine Reflexmaschine. In: *SRF, Kultur*, 11.04.2014.
- O. Del Fabbro. Sexualbegleitung – Berührungen für Menschen mit Behinderung. In: *SRF, Kultur, Gesellschaft & Religion*, 31.01.2014.

Conference Presentations

- O. Del Fabbro. “Participative Democracy for Technical Objects” Hildesheim, Germany. Conference “Living Democracy? Die Zukunft der Demokratie” German Pragmatism Network. (accepted – postponed to 2021 due to COVID-19)
- O. Del Fabbro and P. Christen. “The Emergence of Characteristics in Complex Systems” 4th-11th December 2020 Online via Zoom. Conference “Conference on Complex Systems 2020” Complex Systems Society. (accepted)
- O. Del Fabbro. “1’s or 0’s - current or no current: Human-machine-interaction in between the analog-digital.” Panel: “How much human remains in technology? Perspectives of Human-machine-interaction on usability and design.” 5th-7th November 2020, Twente, Netherlands – online via Zoom. Conference “Philosophy of Human-Technology Relations” DesignLab, University of Twente.

- O. Del Fabbro. "The Programmer as Trainer: How are AI Algorithms trained?" 11th-13th November 2019 Stuttgart, Germany. Conference "The Society of Learning Algorithms" High-Performance Computing Center Stuttgart (HLRS).
- O. Del Fabbro and P. Christen. "Cybernetical Concepts for Cellular Automaton and Artificial Neural Network Modelling and Implementation" 6th-9th October 2019 Bari, Italy. Conference "Industry 4.0" IEEE Systems, Man, and Cybernetics Society (SMC).
- O. Del Fabbro and X. Muller. "Narrative Norms in Sickness: The Physician as an Exegete." 7th-10th August 2019 Oslo, Norway. Conference "Philosophy and Ethics at the Edge of Medicine" European Society for Philosophy of Medicine and Health Care.
- O. Del Fabbro and X. Muller. "Therapeutic Relationship and Scientific Experimentation: Technical Activity in Surgery." 24th-26th May 2018 Paris, France. Held at the conference "4^{èmes} Journées sur l'Épistémologie Historique. L'épistémologie historique et les désunités des sciences, 24-25-26 Mai." École Doctorale de Philosophie ED 280 Université Paris 1 Panthéon-Sorbonne, Institut des Sciences Juridique & Philosophique de la Sorbonne UMR 8103 CNRS, Centre de Philosophie Contemporaine de la Sorbonne.
- O. Del Fabbro. "What is the Task of Philosophy? Gilbert Simondon's and Georges Canguilhem's Concepts of Philosophy, Technology and Science." 14th September 2017 Durham, England. Held at the conference "Canguilhem-Simondon. Epistemology and Ontology of the Milieu." Durham University, Digital Studies, Centre for Cultural Ecologies.

Invited Talks

- O. Del Fabbro. "Biologization of Technology in Simondon and Leroi-Gourhan" 10th November 2020 Darmstadt, Germany. Seminar "Menschenbilder der Technowissenschaften" TU Darmstadt.
- O. Del Fabbro and M. Hampe. "Artificial Life" 18th November 2019 Zurich, Switzerland. Research Seminar Series "Images of the Artificial" The Turing Centre, ETH Zurich.
- O. Del Fabbro. "Scientific Experimentation and Technical Activity in Surgery." 1st-2nd February 2019 Zurich, Switzerland. Held at the workshop "Philosophy of Technology" Chair for Philosophy, ETH Zurich.
- O. Del Fabbro. "Functionalities and Operations: Following the Modes of Existence of Tools, Machines and Technical Systems." 15th-16th May 2016 Tel Aviv, Israel. Held at the conference "Machines, Ideas and Metaphors. International Research Workshop." The Cohn Institute for the History and Philosophy of Science and Ideas.
- O. Del Fabbro. "Operation, Structure and Act. Simondon's Concept of the Allagmatic." 3th-4th December 2015 Berlin, Germany. Held at the conference „Life Information Technology. Transdisciplinary perspectives on the work of Gilbert Simondon." Interdisciplinary Laboratory, Humboldt Universität zu Berlin.

Teaching Experience

Autumn Semester 2015	Tutor in the lecture "Man and Machine" at ETH Zurich held by Prof. Dr. Michael Hampe & Dr. Dr. Daniel Alexander Strassberg
Spring Semester 2017	Tutor in the lecture "Man and Machine" at ETH Zurich held by Prof. Dr. Michael Hampe & Dr. Dr. Daniel Alexander Strassberg
Autumn Semester 2017	Tutor in the lecture "Introduction to the Philosophy of Technology" at ETH Zurich held by Prof. Dr. Oliver Müller
Autumn Semester 2018	Tutor in the lecture "What we Learn from the Life of Machines" at ETH Zurich held by Dr. Dr. Daniel Alexander Strassberg
Autumn Semester 2019	Lecturer with Prof. Dr. Michael Hampe in the seminar "The Knowledge of Technology" at ETH Zurich
Spring Semester 2020	Lecturer in the seminar "The Philosophy of Complex Systems" at ETH Zurich

Autumn Semester 2020	Lecturer in the seminar “Pragmatism in Science, Technology and Society” at ETH Zurich
Spring Semester 2021	Lecturer in the seminar “History and Philosophy of Artificial Intelligence” at ETH Zurich

Membership in Professional Societies

2017 - Present	Deutsche Gesellschaft für Philosophie e.V. (DGPhil)
2018 - Present	Research Network on the History and the Methods of Historical Epistemology
2020 - Present	Deutsche Gesellschaft für französischsprachige Philosophie e.V. (DGfP)

Languages

Luxemburgish (fluent), German (fluent), English (fluent), French (fluent), Italian (fluent), qualification in Latin and ancient Greek