

Scientific and Didactic Relation

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Cycle XXXV

(A) Didactics

1) List of institutional or curricular courses

- Philosophy and Religion: God as the object of philosophy (prof. Guglielminetti)
- The Antinomy of Teleological Power of Judgment in the Critique of the Power of Judgment (prof. Gava).
- Philosophy of nature and image theory in the humanistic and Renaissance tradition (prof. Cuozzo)
- Aesthetics and political Theology (prof. Vercellone)
- Symmetry and Asymmetry: between philosophy and science (prof. Chiurazzi)
- WIP 2021

(B) Research and diffusion

1) List of seminars and conferences you have participated to

- [Online Workshop] 9. 11. 2020. “What happened to Cognitive Science?” (AISC).
- [Online Workshop] 16-17. 9. 2020: “World Organization of System and Cybernetics Congress 2020” (WOSC).

PhD Program in Philosophy
North Western Italian Philosophy Consortium

- [Webinar] 10. 12. 2020. Flavia Fabris, “Investigation of the History and Philosophy of Cybernetics in Biology, Yields More Than Just a Theory of Machines” (Konrad Lorenz Institute).
- [Webinar] 9. 12. 2020. J. P. Simon, “Engineering philosophy in the era of climate change” (Institution of Civil Engineers).
- [Webinar] 14. 12. 2020. Guglielmo Tamburrini, “Etica dell’ IA: questioni strutturali, globali e locali” (Labont).
- [Webinar] 16. 12. 2020. Karl Friston, “Me and my Markov Blanket” (The Ducht Distinguished Lecture Series).
- [Webinar] 11. 2. 2021. J. Renn, D. Coen, “Rethinking History in the Anthropocene” (History of Knowledge Seminar Series).
- [Online Workshop] 29. 3. 2021. “Puissance, mécanisme et limites du numérique: ontologie, mathématiques, éthique”. (Organized by Gaetano Chiurazzi e Giuseppe Longo).
- [Online Conference] 8-9-10. 4. 2021. “The Concept of Nature in German Idealism” (Organized by L. F. Garcia).
- [Online Conference] 29-30. 4. 2021. “Wittgenstein e la cultura austriaca”. (Università degli Studi dell’Insubria).
- [Online Workshop] 7. 5. 2021. “Geoengineering: Clutching at straws or part of climate solution strategy?” (Karlsruhe Institute of Technology).
- [Webinar] 16. 5. 2021. Darrel Moellendorf, “The Anthropocene: A Realistic Utopia” (WIGIP).
- [Online Conference] 9-10-11. 6. 2021. “Veganism. A Paradigm Shift – International Multidisciplinary Conference” (Organized by Simone Pollo).
- [Webinar Series] “Thinking Machines. History, Present and Future of AI” (Deutsches Museum):
 - 19. 4. 2021. Pamela McCorduck, “Early AI in the United States”.
 - 3. 5. 2021. Stephanie Dick, “Making up Minds”.
 - 17. 5. 2021. Shannon Vallor, “The Digital Basanos”.
 - 14. 6. 2021. Vincent Müller, “Where are we going? Future Progress in AI”

➤ 12. 7. 2021. Panel Discussion: “Algorithms, Trust and Regulation”.

2) List of Talks (in some of the above-mentioned conferences)

- [WIP Seminar] 21.5.2021: “Le tre cibernetiche: il programma, la rete, il circolo”.

3) List of published or submitted papers

- [Article] Fabbris, L. (2021a). Verso un’ecologia generale. Per una cibernetica delle differenze. *Philosophy Kitchen*, 15. [forthcoming]
- [Article] Fabbris, L. (2021b). Differenze ecologiche. Sistemi e ambienti tra General Systems Theory e Second-Order Cybernetics. *Noema*, 12 [forthcoming].
- [Article] Fabbris, L. (2021c). L’interfaccia come teatro ontologico. Il Musicolour di Gordon Pask. *Kaiak*, 8. <http://www.kaiak-pj.it/images/PDF/rivista/kaiak-8-interfaccia/Fabbris.pdf>
- [Article] Fabbris, L. (2021d). Il programma, la rete, il circolo. Un approccio lo-fi all’autonomia artificiale [under peer-review]
- [Review] Tripaldi, L. (2020). *Menti Parallele. Scoprire l’intelligenza dei materiali*. Milano: effequ. In *Philosophy Kitchen*, Febbraio 2021.

(C) *Project of the dissertation*

1) Update of the planning of your research program

During the second year of my Ph.D., I defined the structure of my project and completed the first draft of two chapters of my thesis. The first chapter (*Sui modi di osservazione: black box e complessità*) delves into methodological and epistemological problems concerning the relation between an observer and a complex system (a problem that I had already addressed in the paper presented at FINO Residential Seminar 2020).

The second chapter (*Sui modi di composizione: ecologia generale, cibernetica e teoria dei sistemi*) focuses on the relationship between ecology, cybernetics, and systems theory. It aims to clarify the cybernetic and systemic roots of the so-called *General Ecology* (a new paradigm in the ecological thought outlined by authors such as, among others, Erich Hörl, Bruce Clark, Mark Hansen, Elena Esposito, Laura Parisi and Yuk Hui). This research resulted not only in second chapter of my thesis, but also in two papers. Both papers have been accepted for publication on scientific journals and are soon to appear: *Verso un'ecologia generale: per una cibernetica delle differenze* (Philosophy Kitchen) and *Le differenze ecologiche: sistemi e ambienti tra General System Theory e Second-Order Cybernetics* (Nóema).

The third, fourth and fifth chapters will focus on three “modes of disposition” that are extremely important in order to understand the models of rationality underlying cybernetics: the program, the network, and the circle. I sketched out the main problems concerning these modes of disposition in a paper that I have submitted to a scientific journal and is currently under peer-review: *Il programma, la rete e il circolo: un approccio lo-fi all'autonomia artificiale*. The topic was addressed also in another paper, *L'interfaccia come teatro ontologico: il Musicolour di Gordon Pask*, that has been accepted for publication (Kaiak). This paper will constitute the basis for the fourth chapter of my thesis, which will be devoted to exploring the concept of network.