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Personal

Born on January 15, 1990.
Fluent in Italian and English (spoken and written).

Current Position & Appointments

Research collaborator in the project “Understanding Ignorance: An Eco-Cognitive Investigation of Not-Knowing for the Promotion of Epistemic Responsibility.” Principal Investigator: Lorenzo Magnani. ERC field: SH4 - The Human Mind and Its Complexity: Cognitive science, psychology, linguistics, philosophy of mind.

Member of the Computational Philosophy Laboratory at Department of Humanities, Philosophy Section, University of Pavia.

Honorary Fellow for *Philosophy of Science* and *Philosophy of Cognitive Science* (Filosofia della Scienza and Filosofia Cognitiva) at Department of Humanities, Philosophy Section, University of Pavia.

Honorary Fellow for *Philosophy of Science* and *Philosophy of Language and Mind* (Filosofia della Scienza and Filosofia del Linguaggio e della Mente) at Department of Philosophy, Education and Economical-quantitative Sciences, University “G. D’Annunzio” of Chieti and Pescara.

Education

PhD in Human Sciences, Philosophy and Educational Sciences at Department of Philosophy, Education and Economical-Quantitative Sciences, University “G. D’Annunzio” of Chieti and Pescara (2014-2017). Title of the dissertation: “Understanding Ignorance: The Investigation of the Cognitive and Epistemological Features of Not-Knowing” Supervisors: Prof. Claudia Casadio and Prof. Lorenzo Magnani (University of Pavia). Judgement issued by the final evaluating commission (Marco Buzzoni, Riccardo Pagano, Edgardo Bucciarelli): Excellent. PhD awarded in May, 2018.

Visiting Fellow at TiLPS, Center for Logic, Ethics, and Philosophy of Science, University of Tilburg (Fall 2016). Research project: “Reducing Epistemic Autoimmunity in Group Research”. Supervisors: Professor Matteo Colombo and Professor Jan Sprenger.

Master’s Degree in Philosophy (Laurea Magistrale in Filosofia), full marks and honor, September 2014. Supervisor: Prof. Lorenzo Magnani; Co-supervisor: Prof. Simone Regazzoni. Title of the dissertation:

Grasping Ignorance: From Lack of Contents to Perpetuation of Eventless Knowledge. An Epistemological, Cognitive and Deconstructivist Analysis.

Bachelor's Degree in Philosophy (Laurea Triennale in Filosofia), full marks, September 2012. Supervisor: Prof. Lorenzo Magnani; Co-supervisor: Prof. Simone Regazzoni. Title of the dissertation: *Autoimmunity: Epistemic and Theoretical Models* (in Italian).

Experience Concerning Knowledge of Languages

Fluent in Italian and English.

Erasmus Program at Bristol University. Research activity for Master thesis, Supervisor: Professor Richard Pettigrew, and English Language exam (ECTS marks: A) (from Sep. 2013 to Feb. 2014)

Partial translation (sec. 5.2), English into Italian, of L. Magnani, *Understanding Violence. Morality, Religion, and Violence Intertwined: A Philosophical Stance*. Springer, Heidelberg/Berlin: *Filosofia della violenza*, il Melangolo, Genova.

Publications

1. S. Arfini, C. Casadio, and L. Magnani (2018) Ignorance-preserving mental models: Thought experiments as metaphorical abductions, *Foundations of Science*, DOI: 10.1007/s10699-018-9564-0.
2. S. Arfini, T. Bertolotti, and L. Magnani (2018) The antinomies of serendipity. How to cognitively frame serendipity for scientific discoveries, *Topoi Special Issue on Scientific Discovery and Inferences*, DOI: 10.1007/s11245-018-9571-3.
3. S. Arfini, T. Bertolotti, and L. Magnani (2018) The diffusion of ignorance in online-communities. *The International Journal of Technoethics*, 9(1), pp. 37–50.
4. T. Bertolotti, S. Arfini, and L. Magnani (2018) Cyber-bullies as cyborg-bullies, in R. Luppigini (Ed.) *Technoethics Special Issue: The Changing Scope of Technoethics in Contemporary Society*, pp. 60–73, IGI-Global: Pennsylvania.
5. S. Arfini and T. Bertolotti (2018) The expert you are (not). Citizens, experts and the limits of science communication, in P. Barrotta and G. Scarafile (Eds.) *Science and Democracy. Controversies and Conflicts*, pp. 71–85, John Benjamins Publishing Company: Amsterdam.
6. S. Arfini, T. Bertolotti, and L. Magnani (2017) Online Communities as Virtual Cognitive Niches. *Synthese*, DOI: 10.1007/s11229-017-1482-0.
7. T. Bertolotti, S. Arfini, and L. Magnani (2017), Of cyborgs and brutes: Technology-inherited violence and ignorance, *Philosophies*, 2(1), pp. 1–14.
8. S. Arfini (2016), Thought experiments as model-based abductions, in L. Magnani and C. Casadio (Eds.) *Model-Based Reasoning in Science and Technology. Models and Inferences: Logical, Epistemological, and Cognitive Issues*, pp. 437–452, Springer SAPERE: International Publishing.
9. S. Arfini and L. Magnani (2016), Cognitive autoimmunity: Knowledge, ignorance and self-deception, *Logic Journal of IGPL. Special Issue: Formal Representations of Model-Based Reasoning and Abduction*, 24(4), pp. 612–627.

10. L. Magnani, S. Arfini and T. Bertolotti (2016) Of habit and abduction. Preserving ignorance or attaining knowledge?, in D. West and M. Anderson, (Eds.), *Consensus on Peirce's Concept of Habit: Before and Beyond Consciousness*, pp. 361–377, Springer: New York.
11. T. Bertolotti, S. Arfini, and L. Magnani (2015), Abduction: From the ignorance problem to the ignorance virtue, *IFCoLog Journal of Logic and its Applications*, 3(1), pp. 153–173.
12. L. Magnani, S. Arfini, and T. Bertolotti (2016), An argument for ignorance-based chance discovery, *International Journal of Advanced Intelligence Paradigms*, 8(3), pp. 327–342.
13. S. Arfini and L. Magnani (2015), An eco-cognitive model of ignorance immunization, in G. Airenti B. G. Bara, G. Sandini (Eds.) *Proceedings of the EuroAsianPacific Joint Conference on Cognitive Science, 4th European Conference on Cognitive Science, 11th International Conference on Cognitive Science*, Vol. 1419, CEUR-WS. POSTO? CASA EDITRICE?
14. L. Magnani and S. Arfini and T. Bertolotti (2015), Ignorance-based chance discovery. Beyond dark events, in D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (eds.), *Proceedings of the 37th Annual Meeting of the Cognitive Science Society (1488-1493)*, EDITORE Austin, TX.
15. S. Arfini and L. Magnani (2015), An eco-cognitive model of ignorance immunization, in L. Magnani, P. Li and W. Park (Eds.), in (Eds.) *Philosophy and Cognitive Science II Western and Eastern Studies*, pp. 59-75, Springer SAPERE: Switzerland.
16. S. Arfini (2013). Bolle epistemiche, scienza e credenza, in L. Magnani (Ed.), *Introduzione alla New Logic. Logica, filosofia, cognizione*, pp. 43–78, il Melangolo: Genova.

Talks

- S. Arfini (2018) The Antinomies of Serendipity, at the *Conference by Women in Philosophy*, Amsterdam, The Netherlands, 5–6 of July
- S. Arfini (2018) Extended Ignorant Cognition: Explaining Misinformation, Taboos, and Covering Beliefs with Cognitive Niches, at *CEEE ? Cognition in 3E ? Emergent, Embodied, Extended*, Pavia, Italy, 16th ? 18th of May.
- S. Arfini (2017) Credulità e fallibilismo. Peirce e il riscatto della scienza. at *Pragmatismo, Metafisica e Altro: Peirce, Papini e la "Cultura dell'Anima"*, Chieti, Italy, October 19–20
- S. Arfini (2017) The Risks of Serendipitous Browsing: The Exploitation of Ignorance in Social Media at *Workshop "The Future of Serendipity in a Changing World " in the World Humanities Conference*, Liege, Belgium, August 07–12
- S. Arfini (2017) The Epistemic Conditions for Interdisciplinarity at *Triennial International Conference of SILFS 2017*, Bologna, Italy, June 20–23
- S. Arfini (2017) Understanding Ignorance as Invisible, Tenacious, and Shareable at *Wiener Forum for Analytic Philosophy – Conference "Don't Know Don't Care – Epistemic Vices and ignorance"*, Vienna, Austria, June 06–08
- S. Arfini, Tommaso Bertolotti, Lorenzo Magnani (2016) The expert you are (not): Citizens, experts and the limits of scientific information at *IASC PISA International Conference on Science and Democracy*, Pisa, Italy, October 26–28

S. Arfini, Tommaso Bertolotti, Lorenzo Magnani (2016) Social Media and Scientific Literacy: Ignorance Distribution in Virtual Cognitive Niches at *DesCartes Lectures, TiLPS Center for Logic, Ethics, and Philosophy of Science*, Tilburg, The Netherlands, September 05–07

S. Arfini, Tommaso Bertolotti, Lorenzo Magnani (2016) Chance Curation in Virtual Cognitive Niches at *2nd European Workshop on Chance Discovery, Data Synthesis, Curation and Data Market*, Den Haag, The Netherlands, August 29 – September 02

S. Arfini (2016) Epistemological and Metacognitive Consequences of Cognitive Autoimmunity at *3rd Postgraduate Conference*, Urbino, Italy, May 31 - June 01

S. Arfini, L. Magnani (2015) An Eco-Cognitive Model of Ignorance Immunization at *4th European Conference on Cognitive Science and 10th International Conference on Cognitive Science (EAP-CogSci)*, Turin, Italy, September 25–27

S. Arfini, L. Magnani and T. Bertolotti (2015) Ignorance-based chance discovery: Beyond dark events. at *37th Annual Cognitive Science Society Meeting (COGSCI 2015)*, *Mind, Technology and Society*, Pasadena Convention Center, Pasadena, California, July 23–25

S. Arfini, (2015) Generative and demonstrative thought experiments. at *MBR_015: Model-Based Reasoning, Abduction, Logic, and Computational Discovery*, Fondazione Mediterraneo, Sestri Levante, Italy, June 25–27

S. Arfini and L. Magnani (2014) La dimensione abduktiva degli esperimenti mentali. at *XXI Congress of the Italian Society of Philosophy of Language*, University of Bologna, Italy, October 02–04

Conference organization

Member of the local committee for the international conference *MBR_015: Model-Based Reasoning, Abduction, Logic, and Computational Discovery*, Fondazione Mediterraneo, Sestri Levante, Italy, June 25–27

Teaching Experience

Tutorials, *Introduction to Logic*, in the project “Allenamenti” (Prof. Maria Assunta Zanetti) (Academic year 2016-2017);

Reading Group of *Understanding Violence*, in the course of Philosophy of Science (Prof. Lorenzo Magnani) (Academic year 2016-2017);

Tutorials, *Introduction to Logic*, in the project “Allenamenti” (Prof. Maria Assunta Zanetti) (Academic year 2015-2016);

Seminar, *An Epistemic Condition for Collaborative Interdisciplinarity* at *TiLPS Center of Logic, Ethics and Philosophy of Science*, Tilburg, The Netherlands, (Prof. Jan Sprenger) (Academic year 2016-2017)

Seminar, *Thought Experiments and Metaphors*, in the course of Philosophy of Science (Prof. Lorenzo Magnani) (Academic year 2016-2017);

Seminar, *Epistemic Self-Deception*, in the course of Philosophy of Science (Prof. Lorenzo Magnani) (Academic year 2016-2017);

Seminar, *Metaphors and Model-Based Abductions*, in the course of Philosophy of Science (Prof. Claudia Casadio) (Academic year 2016-2017);

Seminar, *Cognitive Autoimmunity and Self-Deception*, in the course of Philosophy of Science (Prof. Claudia Casadio) (Academic year 2016-2017);

Seminar, *Human Intelligence and Artificial Stupidity*, in the course of Philosophy of Cognitive Science (Prof. Tommaso Bertolotti) (Academic year 2016-2017);

Seminar, *Cognitive Autoimmunity and Epistemic Feelings*, in the course of Human Sciences and Neuroscience (Prof. Tomaso Vecchi) (Academic Year 2016-2017);

Seminar, *Epistemic Feelings, Beliefs and Doubts*, in the course of Human Sciences and Neuroscience (Prof. Tomaso Vecchi) (Academic Year 2015-2016);

Seminar, *The Frontiers of AI*, in the advanced course of Philosophy of Science (Prof. Lorenzo Magnani) (Academic year 2015-2016);

Seminar, *Epistemic and Ignorance Bubbles*, in the course of Philosophy of Science (Prof. Lorenzo Magnani) (Academic year 2015-2016);

Seminar, *Habit of Reasoning and Behavior: A Peircean Account*, in the course of Philosophy of Science (Prof. Lorenzo Magnani) (Academic year 2015-2016);

Seminar, *Cognitive Autoimmunity*, in the course of Philosophy of Science (Prof. Claudia Casadio) (Academic year 2015-2016);

Seminar, *Peircean Semiotics and the Consequences of Fallibilism*, in the course of Philosophy of Science (Prof. Claudia Casadio) (Academic year 2015-2016);

Seminar, *Turing, Searle and the First Steps of AI*, in the course of Philosophy of Science (Prof. Claudia Casadio) (Academic year 2015-2016);

Laboratory, *Introduction to Logic*, in the project "Allenamenti" (Prof. Maria Assunta Zanetti) (Academic year 2014-2015);

Tutorials, *Thought Experiments and AI*, in the course of Logic, Philosophy of Science and Philosophy of Language and Mind (Prof. Claudia Casadio) (Academic year 2014-2015);

Seminar, *The Two Sides of Peircean Concept of Habit*, in the course of Logic, Philosophy of Science and Philosophy of Language and Mind (Prof. Claudia Casadio) (Academic year 2014-2015).