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Academic CV (5 pp) & Publications (13 pp)

Nationality: Italian

Main Position:

- **Since 1st of February 2022: Full Professor of Logic and Philosophy of Science and Human Development – Department of Science & Technology for Sustainable Development and One Health**

Other relevant positions:

- Since 2023: corresponding member AISC (<https://www.aips.be/en>) International Academy of Philosophy of Science.
- Since 2023: member of the Observatory on **Open Innovation** – Politecnico di Milano
- Since 2023: member of the **Advisory Board** of the **European School of Oncology**
- Since June 2022: **Member of Consulta Italiana di Filosofia**
- Since May 2022: member of **G.C. General Consulting Network**
- Since January 2022: member of the **working group “Lavoro e benessere integrato”** at Dipartimento per il benessere integrale “Maria e il creato” della Pontificia Accademia Mariana Internationalis
- Since December 2021: **Member of the CTS (Comitato Tecnico Sanitario) of the Ministero della Sanità**, Biotecnologie innovative.
- Since April 2021: **Member of the national coordination group ‘Bioeconomia’ for the Ministero della Transizione Ecologica**: <https://cnbbsv.palazzochigi.it/it/materie-di-competenza/bioeconomia/>
- Since 2021: Founder and Board member of Venture Thinking: www.ventirethinking.it
- Since March 2020: **Delegate of the Rector** of University Campus Bio-Medico of Rome for R.U.S. (Rete Italiana delle Università per la Sostenibilità): <https://sites.google.com/unive.it/rus/chi-siamo>
- Since 2020: **Delegate of the Rector** of University Campus Bio-Medico of Rome for RUNIPACE (Rete Italiana delle Università per la Pace): www.runipace.org

- Since 2019: Member of the **External Faculty of Konrad Lorenz Institute (KLI)** -An independent Center for Advanced Studies in Life and Sustainability Sciences, Klosterneuburg, Vienna, Austria https://www.kli.ac.at/content/people/all_people/view/254
- Since February 2018 – **Scientific director** of the Human and technology section of the website Saluteuropa - <https://saluteuropa.org/category/uomo-e-tecnologia/>
- Since October 2023: **Editor in Chief** of **Rubettino** Italian Series on “Human Factor and Complexity”.
- Since September 2017: **Editor in Chief** of **Springer** International Series on “Human Perspectives in Health Sciences and Technology” (HPHS&T) starting in 2018. <https://www.springer.com/series/16128>
- Since 2006: **Executive Committee and Bord Director** of *Home Renaissance Foundation* (London), **Scientific Committee** Member for the area of “Health and Primary Care”: <http://www.homerenaisancefoundation.org/homeorg/directors.html>

Previous Academic Titles and Positions:

March 2020 - June 2023: adjunct professor in CCBIO (University of Bergen): <https://www.uib.no/en/ccbio>

30th July 2018: Italian *Abilitazione Nazionale* for Full Professor in Philosophy of Science (SC: 11/C2 – SSD: M-Fil02).

2nd July 2017-1st February 2022: Associate Professor of Philosophy of Science, Faculty of Science and Technology for the Humans and their environment, University Campus Bio-Medico of Rome, Italy. **2012-2017:** Assistant Professor of Philosophy of Science, Faculty of Engineering and Institute of Philosophy of the Scientific and Technological Practice (IPSTP), University Campus Bio-Medico of Rome, Italy.

2008-2010: PhD in Bioethics at the Institute of Philosophy of the Scientific and Technological Practice (University Campus Bio-Medico of Rome) with a thesis on the ‘Evolution of the epistemological models of cancer’ (rated Excellent). Awarding on the 13th of April 2011.

1997: National Professional Qualification for Biologists, at the University of Pavia

1995: Degree in Biological Science, Graduation thesis presented at the National Institute for Tumours of Milan (Maximum Score and Honours).

Awards:

2019: Expanded Reason Award 3rd Edition – Research Category, by University Francisco de Vitoria (Madrid, Spain) for “Philosophy of Cancer – A Dynamic and Relational View” (2016) Springer Series in “History, Philosophy and Theory of the Life Sciences”, 18.

1991: Philips National competition for “Young Researchers” with a study on “Experimental verification of the initial events in germination”.

Fellowships (in Philosophy of Science)

- 24th – 31st March 2019: *Visiting Scholar* at the Department of History and Philosophy of Science, Pittsburgh, PA, USA. Ref. Sandra Mitchell.
- 26th August - 3rd September 2018: *Visiting* at Konrad Lorenz Institute (KLI) for Evolution and Cognition Research, Klosterneuburg, Vienna, Austria.
- 6th – 9th May 2015: *Visiting* at Egenis (Centre Of Studies of Life Sciences), University of Exeter (UK). Ref. John Dupré.
- April 2013 - May 2014: *Visiting Fellow* at the Centre of Biomedical Humanities of the Department of Experimental Oncology of IEO, University of Milan. Ref. Giovanni Boniolo
- September – December 2012: *Visiting Fellow* – Center for Philosophy of Science, Pittsburgh University, http://www.pitt.edu/~pittentr/People/visiting_fellows/vf_2012-13/bertolaso.html

- 28th February – 9th May 2011: *Visiting Scholar* at the Department of History and Philosophy of Science, Pittsburgh, PA, USA. Ref. Sandra D. Mitchell.
- 10th – 21st January 2011: *Visiting Scholar* stay at the IHPST (Institut d’Histoire et de Philosophie des Science et des Techniques), Paris, France. Ref. Jean Gayon.

Scientific Experience:

- **1994-1996:** INT (National Tumor Institute), Milan in the department of molecular biology with a project on the gene expression and localization of c-ERB2 in the ovarian cancer
- **1997** (2nd June ‘97 – 1st June ‘98): obtained a Regional Grant (funded by ASL1 of Turin) for a project on “Genetic molecular alterations and malignancy in primary breast cancers”, at the department of anatomical pathology, San Giovanni Vecchio Hospital, Turin (Italy)
- **1998-1999** (1st January ‘98 – 31st May ‘99): IRCC (International Research Centre for Cancer), Candiolo, Turin, Regional Grant (funded by G. Ghirotti Foundation) for a project on “Development of a non-radioactive protein truncation test: applications in the clinical area for the analysis of mutated genes involved in familiar syndromes and sporadic cancers”
- **2008-2010:** Grant from UCBM for a research project at the Institute of Philosophy of the Scientific and Technological Practice at University Campus Bio-Medico of Rome on Philosophy of Cancer and Cancer Research’.
- **Since 2008**, after having experienced in first hand some bio-medical research (see above), I have been developing my philosophical training, skills and academic CV in **research**, **teaching** and **tutoring**, and **research group promotion and coordination** at academic level, in contact with the national and international scientific and academic environments (both Anglo-Saxon and Latin, Spanish speaking communities).

Current Funded Projects

<i>Project Title</i>	<i>Funding source</i>	<i>Amount</i>	<i>Period</i>	<i>Role</i>
I-Well	PRIN	224, 214 €	2023-2025	Co-PI
HEALTHCARE 5.0	Social Trend Institute	30.000 €	2023-24	PI
Borsa Dottorato - HUBQUARTER	Regione Lazio + e-FM	76.000 €	2023-2025	PI

CURRENT TEACHING in University Campus Bio-Medico of Rome

- Since 2020-2021: teaching Management and Digital Mindset Lab (UCBM, ING-ISS)
- Since 2020-2021: teaching The Human Factor in the Digital Transitions (UCBM, ING-ISS)
- Since 2020-2021: teaching English Language and Soft Skills for Engineering Sciences (UCBM, ING-I)
- Since 2019-2020: teaching Human Ecology and Sustainability (UCBM, STAGEF)
- Since 2018-2019: teaching Filosofia dell’uomo e della riabilitazione (UCBM, Cdl Fisioterapia)
- Since 2012: teaching Philosophy in the Engineering Sciences (UCBM, ING-I)
- Since 2015: teaching Human Ecology and Sustainability (UCBM, ING-C)
- Since 2014: teaching in Ethics of Human Nutrition (UCBM, SANUM)

Since 2017: coordinator of the interdisciplinary course within the PhD program Scienze e Ingegneria per l’uomo e per l’ambiente/Science and engineering for humans and the environment - DOT13A0534.

Other Previous International TEACHING Experiences

- Department of Philosophy, Washington University of St. Louis, USA – November 6th to November 14th 2016: 4 hours lectures on theoretical and ethical issues related to Transhumanism, Post-Genomic Era and In Silico Medicine, in Anya Plutynski's course on "Biomedical Ethics" (undergraduate students).
- Munich Center for Mathematical Philosophy (MCMP), Ludwig-Maximilians-Universität München – June 28th to July 8th 2016: weekly lectures on "Complexity and Causality in Medicine" in the course for PhD students and post-doc in philosophy and bio-sciences, on Philosophy of Causality held by Barbara Osimani and Roland Pollinger.
- Universidad Popular Autónoma del Estado de Puebla (UPAEP), Mexico – February 7th and 8th 2017: 9 hours of lectures for scientists, doctors, humanists and philosophers on "Philosophy of Cancer".

PhD students:

- **2018-2022:** Laura Corti PhD student on "Lo schema corporeo nei soggetti con neuroprotesi: un'analisi fenomenologica".
- **2018-2022:** Andrea Pensotti, industrial PhD student on "Studio sul processo di modellizzazione in silico di dinamiche biologiche multilivello in oncologia" (University Campus Bio-Medico of Rome).
- **2019-2023:** Sabrina Melino PhD student on "Per una cura integrata della malattia cronica. Dal cuore della cultura europea, la riscoperta del dialogo tra discipline scientifiche e umanistiche".
- **2020-** : Emiliano Boschetto, industrial PhD student on "La transizione digitale: nuove prospettive per il concetto di benessere organizzativo nei sistemi complessi"
- **2020-** : Luca Capone, PhD on "Tecnica e rappresentazione nell'era digitale: Prospettive teoretiche e pratiche per una filosofia dei big data"
- **2023-** : Roberta Nobile, National AI PhD courses (co-tutor)

Previous THESIS or POST-DOC students

- 2014-2015: Undergraduate thesis in Philosophy (University of Bologna): Filippo Landi – co-supervisor.
- 2014-2018: PhD thesis in Philosophy of Science (University of Roma Tor Vergata and IHPST-Paris): Anna Maria Dieli – tutorial lecturer from 2014 to 2017, final examiner in 2018
- 2016-2017: post-doc grant, Mattia Della Rocca (University Campus Bio-Medico of Rome) – member of examining board during PhD thesis dissertation – substitute
- 2017: post-doc grant, Mattia Della Rocca (University Campus Bio-Medico of Rome) – member of examining board
- 2016-2017: post-doc grant, Federico Boem (University Campus Bio-Medico of Rome)
- 2017-2018: post-doc grant, Fabio Sterpetti (University Campus Bio-Medico of Rome)
- 2018-2019: post-doc grant in Philosophy of Science (University Campus Bio-Medico of Rome): Chiara Beneduce – supervisor

Recent fellows from other universities (funded from external/their university)

- June-August 2021: Pablo Garcia: Univ. di Malaga: Epistemology and philosophy of aging and its current scientific agendas
- July 2021: José Mara Pelaez: Univ Francisco de Victoria (Madrid): CSR and relational and sustainable management.

Current Main Research Areas

A. Philosophy of Scientific Practice and Philosophy of Life Sciences

I have been focusing my research on the Epistemology of Science and Philosophy of Healthcare Sciences. In particular, both my previous laboratory scientific work and current endeavours in the Philosophy of Science have dealt with different aspects of regulatory and control issues of complex biological systems, organizations, and growth. I have also studied how different explanatory theories evolve in science, and how (mechanical) models can be considered a way towards discovery in the bio-technological field. How science works in practice, from genetics to bio-engineer, has also been one of the most recent areas of research and philosophical reflection. A particular attention has been paid to Systems Biology as it has been strictly connected with contemporary research on the organismic dynamics.

B. Scientific Practice: Contemporary Epistemological Issues, Virtues and Ethics

The main topics I have been focusing on have been Artificial Intelligence and human work (Big Data), management and transmission, human enhancement with their ethical and social implications. More recently, I have been asked also to reflect on the implications for technology, sociology, economics and education of some emerging concepts in philosophy of science and philosophy of life sciences such as complexity, intelligence, critical thinking, sustainability, integral development.

C. Philosophy of Sustainable Management and Care

In dialogue with recent developments in engineering, economy and social sciences I have been expanding my reflections on biological dynamics to the organizational sciences and to the concept of One Health, Wellbeing and Healthcare. I am interested both in the peculiar object of such sciences (care processes, new models and frontiers of leadership, organizational models and their adaptive processes, sustainable management) and on the impact that emerging systemic paradigms have on organizations, enterprises, welfare programs and policies.

Rome, 9th of October 2023

Journal Papers

1. Venesio T, Balsamo A, Scordamaglia A, Bertolaso M, Arrigoni A, Sprujevnik T, Rossini FP, Risio M (2003). Germline APC mutation on the beta-catenin binding site is associated with a decreased apoptotic level in colorectal adenomas. *Mod. Pathol*, 16(1): 57-65. ISSN 0893-3952
2. Bertolaso M, Gaudino C, (2007) *Leben aus dem Labor? Die Aktualität von "Donum Vitae"*, *Imago Hominis*, Band 14 - Heft 2, 110-112. ISSN: 1021-9803
3. Piredda M, Bertolaso M, Tartaglini D, De Benedictis A, De Marinis MG (2008). Valenza etica del nursing (The Ethical Valence of Nursing). *Ital J Rehab Med - MR*, 22: 229-33. ISSN: 1128-4935
4. *Bertolaso M (2009) *Towards an Integrated View of the Neoplastic Phenomena in Cancer Research*, *Hist. Phil. Life Sci.*, 31:79-98. ISSN: 0391-9714
5. -Bertolaso M (2009) *The neoplastic process and the problems with the attribution of function*, *Rivista di Biologia/Biology Forum*, 102:273-295. ISSN: 0035-6050
6. -Bertolaso M, Olsson J, Picardi A, Rakela J (2010). *Gene Therapy and enhancement for diabetes (and other diseases): the multiplicity of considerations*. *Diabetes Metab Res Rev*, 26:520-524. ISSN: 1520-7552, doi: 10.1002/dmrr.1116
7. Bertolaso M, Giuliani A, Degara L (2010) *Systems Biology reveals biology of systems*, *Complexity*, 16: 1-7. ISSN: 1076-2787, doi: 10.1002/cplx.20353
8. -Bertolaso M (2011), *The two sides of the hourglass: analytic and synthetic approaches in cancer research*, *Ludus Vitalis. Journal of Philosophy of Life Sciences*, 19 (35): 73-95. ISSN 1133-5165
9. -Pennacchini M, Bertolaso M, Elvira MM, De Marinis MG (2011), *A brief history of the Quality of Life: its use in medicine and in philosophy*. *Clin Ter*, 162 (3), e99-103. ISSN: 0009-9074
10. *Bertolaso M (2011), *"Hierarchies and Causal Relationships in the Interpretative Models of the neoplastic process"*, in Special Issue *"Causation and Disease in the Post-Genomic Era"*, *Hist. Phil. Life Sci.*, vol. 33(4): 515-536 ISSN: 0391-9714
11. -Bertolaso M (2011), *"Epistemology in Life Sciences. An Integrative Approach to a Complex System like Cancer"*, in a Forum on *"Possibilities for multidiscipline"*, *Ludus Vitalis. Journal of Philosophy of Life Sciences*, 19(36): 245-249 ISSN: 1133-5165
12. - Ugolini S, Bertolaso M, (2011), *Scienza e Società: la Medicina della Saga di Twilight (Science and Society: Medicine in the Twilight Saga)*, *Medic. Metodologia Didattica ed Innovazione Clinica*, 19(2): 42-48. ISSN: 1824-3991
13. Cherubini C, Gizzi A, Bertolaso M, Tambone V, Filippi S (2012), *"A Bistable Field Model of Cancer Dynamics"*, *CiCP (Commun. Comput. Phys.)*, Vol. 11, No. 1, pp. 1-18. ISSN: 1815-2406, 10.4208/cicp.270710.220211a

14. *Bertolaso M. (2012) La Dimensione non Riduzionista del Riduzionismo nella Ricerca Sperimentale Dai Modelli Molecolari a Quelli Sistemici nella Ricerca sul Cancro. *Rivista di Filosofia Neo-Scolastica*, Vol. 4. p. 687-705 ISSN: 0035-6247
15. -Barcaccia, B., Esposito, G., Matarese, M., Bertolaso, M., Elvira, M., De Marinis M.G. (2013) Defining quality of life: a wild-goose chase?, *Europe's Journal of Psychology*, special issue Quality of Life in Social Science & Clinical Medicine, February 2013, Vol. 9(1), 185–203, doi:10.5964/ejop.v9i1.484 ISSN: 1841-0413
16. *Bertolaso M (2013). On the Structure of Biological Explanations: Beyond Functional Ascriptions in Cancer Research. *Epistemologia*, vol. 36, p. 112-130. ISSN 0392-9760
17. -Bertolaso M. (2013) La Indeterminación Biológica y las Perspectivas Sistémicas de la Biología Contemporánea - Biological Uncertainty and the Systemic Perspectives of Contemporary Biology . *Anuario Filosófico*, vol. 46/2, p. 365-386. ISSN 0066-5215
18. -Bertolaso M (2013) Breaking Down Levels of Biological Organization, *Theoretical Biology Forum (Rivista di Biologia)*, Vol 106(1-2), 49-71 ISSN 0035-6050, ISSN ELETTRONICO 1825-6538
19. *Bertolaso M (2014) Why It Proves so Difficult to Pin Down a Definition of Nature. In a Special Issue on “Rethinking Nature”, *Teoria* (call for a special issue), 34(1): 75-92. ISSN 1122-1259
20. *Bertolaso M, Ghilardi G (2014) Semantic roots of reductionism limits, *Rivista di Filosofia Neo-scolastica*, 3: 481-500. ISSN: 0035-6247
21. Giuliani A, Filippi S, Bertolaso M (2014) Why network approach can promote a new way of thinking in biology, hosted by Dr(s) Xiaogang Wu, Hans Westerhoff, Pierre De Meyts, Hiroaki Kitano in *Frontiers in Genetics (Systems Biology)*, Vol 5 (83), 1-5. ISSN: 1664-8021
22. -Bertolaso M (2014) La complessità del cancro. Verso nuove categorie concettuali per comprendere la rilevanza del contesto, *Medicina & Storia*, Anno 14, 5 n.s.: 97-120. ISBN: 9788846739797/ISSN: 1722-2206
23. Loppini A, Capolupo A, Cherubini C, Gizzi A, Bertolaso M, Filippi S, Vitiello G (2014), On the coherent behavior of pancreatic beta cell clusters, *Physics Letters A*, 378: 3210–17. ISSN: 0375-9601
24. Di Stefano N, Bertolaso M (2014) Understanding Musical Consonance and Dissonance: Epistemological Considerations from a Systemic Perspective. In a Special Issue "Towards a Second Generation General System Theory", *Systems*, 2: 566-575. ISSN: 2079-8954
25. - Bertolaso M (2014), Il cancro e la sua complessità: aspetti etici ed epistemologici (Cancer and its complexity: epistemological implications) (Editorial), in “Cancer and its Complexity: Epistemological and Ethical Reflections”, Numero Speciale *Medic. Metodologia Didattica ed Innovazione Clinica*, M. Bertolaso (Ed.), Vol. (22) 2: 7-14. ISSN: 1824-3991
26. *Bertolaso M (2015), Emerging Epistemologies in life sciences, *Rivista di Filosofia Neo-Scolastica*, Vol. 1-2, pp. 29-35. ISSN 0035-6247
27. Bertolaso M; Capolupo A; Cherubini C.; Filippi S.; Gizzi A.; Loppini A.; Vitiello G. (2015),

The Role of Coherence in Emergent Behavior of Biological Systems, IEBM: Electromagnetic Biology and Medicine, 34 (2), 138-140, ID: 1036069 ISSN: 1536-8378

28. - Di Bernardo M, Dieli AM, Bertolaso M (2015) Thinking out of the box: Education as a Relational Challenge (Pensare fuori dagli schemi: l'educazione come sfida relazionale), *Medic. Metodologia Didattica ed Innovazione Clinica*, 23(1): 90-96. ISSN: 1824-3991

29. *Bertolaso M, Caianiello S (2016) Robustness as Organized Heterogeneity, *Rivista di Filosofia Neo-Scolastica*, Vol. CVIII (2), pp. 293-303. ISSN 0035-6247

30. - Valera L & Bertolaso M (2016) Understanding biodiversity from a relational viewpoint, *Tópicos, Revista de filosofía* Vol 51, 37-54. ISSN: 0188-6649

31. Giuliani A, Bartolini E, Bertolaso M (2016), L'humus della scienza: per una necessaria riscoperta della meraviglia e della cooperazione nella ricerca scientifica. *Scienze e Ricerche*, 28:1-4. ISSN: 2283-5873

32. *Bertolaso M. & MacLeod M (Eds) (2016) In Silico Modeling: the Human Factor, *Humana.Mente Journal of Philosophical Studies*, Vol. 30 III-V, pp. III-XV. ISSN 1972-1293

33. Bertolaso M, Di Bernardo M (2016) Questioni Epistemologiche Emergenti nelle Bio-Discipline (Epistemic Values at the intersection of Bio-Techno-Practice. An introduction to Biodisciplines) in *Biodisciplines* (a cura di Marta Bertolaso e Mirko Di Bernardo), *Scienze e Ricerche*, 30: pp. 5-8. ISSN: 2283-5873

34. -(*) Bertolaso M, Frezza G (2016), Bio-techno-practice: personal and social responsibility in the academic work (Bio-techno-practice: responsabilità personale e sociale nel lavoro di ricerca), *MEDIC. Metodologia Didattica ed Innovazione Clinica* 2016; 24(1): 75-84. ISSN: 1824-3991

35. -Bertolaso M (2016) Maternità surrogata, in "Nobiltà del nascere" (Maria Pia Garavaglia & Paola Binetti, Eds), *L'Arco di Giano*, Rome, numero 88, pp. 67 – 75. ISSN: 1721-0178

36. Bertolaso M, Mitchell SD (2017), Pluralismo integrador. Un nuevo enfoque para comprender la complejidad biológica *Investigación y Ciencia*. pp. 50-51, Gennaio, N. 484, ISSN 0210-136X (<https://www.investigacionyciencia.es/revistas/temas/filosofa-de-la-ciencia-801/pluralismo-integrador-14839>)

37. -Bertolaso M (2017) Building bridges - Between, in and for the philosophy of biology. Introduction to the Monothematic Section, in *Emerging trends in Philosophy of Biology* (Ed. Marta Bertolaso), *Acta Philosophica*, 26 (1): 11-18 ISSN: 1121-2179

39. *Bertolaso M, Della Rocca M (2017) On the Processes of Growth of the Living Being and the Relevance of Relational Categories to Understand it, annata CIX, fascicolo 2, *Rivista di Filosofia Neo-Scolastica*, pp. 255-268 ISSN: 0035-6247

40. *Bertolaso M (2017), Uncoupling Mereology and Supervenience: A Dual Framework for Emergence and Downward Causation, in "Causality and Explanation in Scientific Practice" (Evandro Agazzi, Marco Buzzoni Eds), *Axiomathes*. Vol. 27, Issue 6, pp. 705-720 ISSN: 1122-1151

41. *Bertolaso M, Sterpetti F (2017), Evidence amalgamation, Plausibility and Cancer Research, *Synthese*, pp. 1-39, S. I. Evidence Amalgamation in the Sciences, ISSN: 0039-7857, DOI

10.1007/s11229-017-1591-9

42. Bertolaso M, Dieli AM (2017), Cancer and Intercellular Cooperation, Royal Society Open Science, pp.1-14. ISSN: 2054-5703, DOI 10.1098/rsos.170470.
43. *Osimani B, Bertolaso M, Poellinger R, Frontoni E (2018), Real and Virtual Clinical Trials: A Formal Analysis, in “Foundations of Clinical Reasoning: An Epistemological Stance” (Mattia Andreoletti (Campus IFOM-IEO, Milan), Paola Berchialla (University of Turin), Giovanni Boniolo (University of Ferrara), Daniele Chiffi (Tallinn University of Technology) Eds), *Topoi*, pp. 1-12 ISSN: 0167-7411, DOI: 10.1007/s11245-018-9563-3
44. *Sterpetti F, Bertolaso M. (2018): “The Pursuit of Knowledge and the Problem of the Unconceived Alternatives. An International Review of Philosophy”, *Topoi.*, pp. 1 – 12, ISSN: 0167-7411, doi: 10.1007/s11245-018-9551-7
45. Bertolaso M, Valera L (2018), Verità e fiducia nell’era del Transumanesimo, in SCIO – Revista de filosofía XV, pp. 97-122, ISSN: 1887-9853
46. *Plutynski A, Bertolaso M (2018), What and How Do Cancer Systems Biologists Explain? *Philosophy of Science*. Vol. 85, Issue 5, pp. 942-954, ISSN: 0031-8248, DOI: 10.1086/699716
47. Bertolaso M, Rocchi M, (2020) Specifically Human: Human Work and Care in the Age of Machines, in Special Issue: The Meaning of Work in the Fourth Industrial Revolution, *Business Ethics: A European Review* (Juan Fontradona, Ed.), ISSN: 0962-8770, DOI: 10.1111/beer.12281
48. Bertolaso M (2019), Artificialmente e Umanamente: Epistemologie a Confronto, in *Transizione digitale* (Stefano Zamagni, Ed), *Paradoxa* 2/2019, pp. 137-149.
49. Brizi M R, Pennacchini M, Bertolaso M, Ageing and working capability: volunteer work as a means to an active longevity, in *Medic* 2019, 27(2): 100-108.
50. Bertolaso M, Corti L, (2019), Prospettive sulle/delle metamorfosi tecnologiche, in “Metamorfosi del vivente”, *ATQUE* 24 n.s./2019, pp. 63-84.
51. Bizzarri M, Giuliani A, Pensotti A, Ratti E, Bertolaso M (2019), Co-Emergence and Collapse: the Mesoscopic Approach for Conceptualizing and Investigating the Functional Integration of Organisms, in *Front. Physiol.* DOI: 10.3389/fphys.2019.00980
52. *Bertolaso M, Campaner R, (2020) Scientific Practice in Modeling Diseases: Stances from Cancer Research and Neuropsychiatry, *The Journal of Medicine and Philosophy: A Forum for Bioethics and Philosophy of Medicine*, ISSN: 0360-5310
53. * Loppini A, Cherubini C, Bertolaso M, Filippi S (2020) Breaking down calcium timing in heterogenous cells populations, *Biosystems*, <https://www.sciencedirect.com/science/article/pii/S0303264720300241?via%3Dihub>; <https://doi.org/10.1016/j.biosystems.2020.104117>
54. Corti L, Bertolaso M (2020) Embodiment from philosophy to life science and back. *Ludus Vitalis*, vol. XXVII, num. 52, 2019, pp. 137-142.
55. Roncella A, Bertolaso M (2021) A generative paradigm for human work. Meritocracy and value

creation in a post COVID-19 world. In “The future of work” special issue (Martin Schlag Ed), Journal for Business and Professional Ethics (JBPE).

56. Bertolaso M (2021) Il fattore umano nelle transizioni digitali, in “Intelligenza artificiale e dottrina sociale della Chiesa” (Markus Krienke , Ed), *La Società*.

57. * Corti, L., Di Stefano, N., Bertolaso, M. (2022), Artificial Emotions: Toward a Human-Centric Ethics, International Journal of Social Robotics <https://doi.org/10.1007/s12369-022-00890-1>

58. Bertolaso, M., & Rocchi, M. (2022). Specifically Human: Human Work and Care in the Age of Machines. *Business Ethics, the Environment & Responsibility*, 31(3), 888–898. <https://doi.org/10.1111/beer.12281>

59. * Militello G, Bertolaso M (2022) Stem cells and the Microenvironment: Reciprocity with Asymmetry in Regenerative Medicine, *Acta Biotheoretica*.

60. Corti, L., Afferni, P., Bertolaso M. (2020-2021), Healthcare 4.0 and Human-Centric Approach, *MEDIC* 28(2)-29(1), pp.16-24

61. Bertolaso M., Boschetto E., (2022), *La qualità delle relazioni per la gestione delle organizzazioni complesse nello spazio post-pandemico*, Rivista dell’AICQ Associazione Italiana Cultura Qualità, per il numero 6/22 "RAGIONARE PER MODELLI E TRAIETTORIE"

62. Bertolaso M (2022) Governare la complessità oggi: tra innovazione e senso dell’appartenenza, *ISPER Rivista Personale e Lavoro*, n 646 (luglio 2022)

63. Bertolaso M (2023), I luoghi della ri-nascita, in *Guarire. Riparare, rinascere, prendersi cura*, La Meraviglia del Possibile, LUISS marzo 2022

64. M. Bertolaso, M. Daverio, Intelligenza artificiale e sapere scientifico: la scienza rimarrà umana?, “Munera. Rivista europea di cultura” 2/2022, pp. 25-36. ISSN rivista: 2280-5036

65. Corti L, Brizi MR, Pennacchini M, Bertolaso M (2023) Technological grandparents: how communication technologies can improve the well-being of the elderly? *AI & Society*, <https://doi.org/10.1007/s00146-023-01645-w>

66. Pradeu et al. (2023) Reuniting philosophy and science to advance cancer research, *Biol. Rev.* (2023), pp. 000–0. doi: 10.1111/brv.12971.

67. Capone, L., Rocchi, M. & Bertolaso, M. Rethinking “digital”: a genealogical enquiry into the meaning of digital and its impact on individuals and society. *AI & Soc* (2023). <https://doi.org/10.1007/s00146-023-01687-0>

68. Fung M.L., Tobing D.H., Bertolaso M, Potluri V.A. (2023) People-Centered Science and Digital Transformation: A Practical Proposal for the G7 and G20, <https://www.think7.org/publication/people-centered-science-and-digital-transformation-a-practical-proposal-for-the-g7-and-g20/>

69. Sterpetti, F., Bertolaso, M. (2023). Some Reflections on Mitchell’s Pragmatist Variant of Scientific Realism. *Theoria. An International Journal for Theory, History and Foundations of Science*, DOI: 10.1387/theoria.24085. ISSN: 0495-4548 (classe A Anvur 11C2).

Proceedings - Conference papers

1. Lo Celso A, Bertolaso M (2008) Contenidos creativos que generan cultura. Análisis de las revistas Teenink y Tamezin. Actas del XXI Congreso internacional de comunicación: Los jóvenes y el nuevo escenario de la comunicación, EUNSA. ISBN: 978-84-313-2523-7
2. Frezza G, Keefe H, Bertolaso M (2017), Work of the Home and Social Relationships as a Guide to Domestic Care for the Elderly, in Ambient Assisted Living, Lecture Notes in Electrical Engineering, Springer, eBook, vol. 426, pp. 79-86 ISBN 978-3-319-54283-6 DOI 10.1007/978-3-319-54283-6 Hardcover ISBN 978-3-319-54282-9 Series ISSN 1876-1100
3. Brizi M R, Bertolaso M (2017), “The long road towards sustainability: the contribution of domestic work”, in “Il volto del lavoro professionale. Servizio alla famiglia e alla società”, Atti del Convegno “The Heart of Work - Quale anima per il lavoro professionale”, Pontificia Università della Santa Croce, Rome, 19-20 October 2017. Vol. V, pp. 107-122. ISBN: 978-88-8333-764-2
4. Capone L., Bertolaso M. 2020. A Philosophical Approach for a Human-centered Explainable AI. In Proceedings of the Italian Workshop on Explainable Artificial Intelligence co-located with 19th International Conference of the Italian Association for Artificial Intelligence (AIxIA 2020), vol. 2742(80-86). <http://ceur-ws.org/Vol-2742/short1.pdf>.
5. Bertolaso M., Boschetto E., (2021), *Managerial Sustainability for Relational Workplaces*, 21st International Symposium on Ethics, Business and Society - IESE Business School – University of Navarra

Main Books and Papers Reviews

1. -(*)Bertolaso M. (2007). La sfida della bioetica. La Vita, la Libertà e la Difesa della Dignità Umana (Life, Liberty, and the Defense of Dignity: the Challenge for Bioethics) di L. R. Kass. Recensione. MEDIC. Metodologia didattica e innovazione clinica, 15: 118-119. ISSN: 1824-3991
2. -Bertolaso M (2010) L'ordine della complessità di Alessandro Giuliani e Joseph P. Zbilut, Recensione, Acta Philosophica, 19 (1): 213-216. ISSN: 1121-2179
3. -(*)Bertolaso M (2016), Filosofia chimica di Ermanno Bencivegna e Alessandro Giuliani (Recensione), MEDIC. Metodologia didattica e innovazione clinica 2016, 24(1): 111-112. ISSN: 1824-3991
4. Bertolaso M (2017), REVIEW of: G. Boniolo & M.J. Nathan (eds.) Philosophy of Molecular Medicine: Foundational Issues in Theory and Practice, Routledge, 2017, Notre Dame Press.
5. Bertolaso M (2019) REVIEW di Evandro Agazzi, L'oggettività scientifica e i suoi contesti, Bompiani, Milano 2018. Un volume di pp. 760. In Rivista di Neoscolastica.
6. Bertolaso M (2018) REVIEW Mary Ann G. Cutter, Thinking through Breast Cancer. A Philosophical Exploration of Diagnosis, Treatment, and Survival, Oxford University Press, 2018, 256pp. Notre Dame Philosophical Reviews
7. Bertolaso M (2019) REVIEW of A. Plutynski, Explaining Cancer: Finding Order in Disorder,

Oxford University Press, 2018, 224pp., ISBN 9780199967452. Notre Dame Philosophical Reviews

8. Bertolaso M (2019) Evandro Agazzi, L'oggettività scientifica e i suoi contesti, Bompiani, Milano 2018. ISBN: 88-452-9872-8, in Rivista di Filosofia Neo-Scolastica CXI (2019), 3, pp. 747-772. ISSN: 00356247 (print) – 18277926 (digital).

Book Chapters – CONTRIBUTO IN VOLUME (CAPITOLO O SAGGIO)

1. Bertolaso M, (2010) “Super-naturali” come vampiri: l'enhancement in medicina, in La Medicina dei Nuovi Vampiri, Vittoradolfo Tambone and Luca Borghi (eds). Academia Universa Press, pp. 100-115. ISBN: 978-8864440361

2. Bertolaso M, (2011) Le Human Enhancement Technologies e l'Irriducibilità della Complessità Biologica, in Migliorare l'uomo? La sfida etica dell'enhancement. S. Kampowski – D. Moltisanti (eds.) Cantagalli, Siena, pp. 35-58. ISBN: 978-8882726010

3. Bertolaso M (2013). Le frontiere dell'oggettività e le nuove prospettive aperte dalla ricerca oncologica. In: Elio Borgonovi e Paolo Tralongo. Contenimento Economico e Umanizzazione dell'assistenza. p. 41-57, EdiScience ISBN: 978-8895760292

4. Bertolaso M. (2013) Sull'irriducibilità della prospettiva sistemica in biologia. Un'analisi delle convergenze dei modelli interpretativi del cancro, in “Strutture di Mondo. Il pensiero sistemico come specchio di una realtà complessa.” (Urbani Ulivi L.), Vol. II, p. 143-169, Bologna, Il Mulino. ISBN: 978-8815139856

5. Bertolaso M, Giuliani A, Filippi S (2014) The Mesoscopic Level and its Epistemological Relevance in Systems Biology. In: Recent Advances in Systems Biology Research (André X. C. N. Valente, Abhijit Sarkar and Yuan Gao Eds) Nova Science Publishers, Inc., pp. 19-36 ISBN: 978-1-62948-736-6

6. Bertolaso M, Di Stefano N, Ghilardi G, Marcos A (2015) Bio-Techno-Logos and Scientific Practice –, in “The Future of Scientific Practice: ‘Bio-Techno-Logos’”, Bertolaso M. (Ed.), Pickering & Chatto Publishers, pp.179-191 ISBN: 978-1848935624, doi: 10.4324/9781315653693

7. Bertolaso M (2015) Philosophy within Science in “The Future of Scientific Practice: ‘Bio-Techno-Logos’”, Bertolaso M. (Ed.), Pickering & Chatto Publishers, pp. 1-12 ISBN: 978-1848935624, doi: 10.4324/9781315653693

8. Bertolaso M (2015) “Stabilità VS Specificità. La rilevanza delle categorie relazionali nelle scienze biologiche”, in “Strutture di Mondo” (Urbani Ulivi L. Ed.), Vol. III, 107-131. ISBN 978-88-15-25830-4

9. Di Stefano N & Bertolaso M (2016) Changing Framework in Explaining Complex Dynamics: Convergences on Systemic Accounts from Two Different Case Studies. In "Towards a post-Bertalanffy Systemics", Minati G., Abram M. R. and Pessa E., (eds.), Springer, New York, 159-167. ISBN: 978-3319243894, doi: 10.1007/978-3-319-24391-7

10. Bertolaso M, Güell F (2016) ¿Requiere la complejidad biológica un marco indeterminista? in "¿Determinismo o Indeterminismo? Grandes preguntas de las ciencias a la Filosofía", C. E. Vanney

& J.F. Franck (eds.), Colección “De las Ciencias a la Filosofía”, Logos-Universidad Austral, Rosario-Pilar, pp. 277-307. ISBN 978-987-732-067-1

11. Bertolaso M. (2017), “A System Approach to Cancer. From Things to Relations”, in Green, S. (ed.), *Philosophy of Systems Biology – Perspectives from Scientists and Philosophers*. Dordrecht, Springer, History, Philosophy and Theory of the Life Sciences (HPTL), pp. 37-47. ISBN 978-3-319-46999-7, DOI 10.1007/978-3-319-47000-9

12. Bertolaso M (2016) “Disentangling Context Dependencies in Biological Sciences”, in L. Felline, F. Paoli, E. Rossanese (Eds) *New Directions in Logic and Philosophy of Science*, College Publications, London, pp. 245-255. ISBN 978-184-890-160-5, <http://www.collegepublications.co.uk/silfs/?00029>

13. Bertolaso M, Buzzoni M (2017), *Causality and Levels of Explanation in Biology*, in “Philosophical and Scientific Perspectives on Downward Causation”, Edited by Michele Paolini Paoletti and Francesco Orilia, Part II - Downward Causation and the Sciences, Routledge, pp.164-179 ISBN: 978-1138195059, doi: 10.4324/9781315638577

14. Bertolaso M, Di Stefano N (2017). Preface in: *The Hand- Perception, Cognition, Action*. SAPERE, Springer. Vol. 38, pp. V-VII, ISSN 2192-6255 ISBN: 978-3319668819, DOI 10.1007/978-3-319-66881-9

15. Marcos A, Bertolaso M (2018) “What is a Home? On the intrinsic nature of the home”, in *The Home*, Antonio Argandona (Ed), Edward Elgar, pp. 35-56, ISBN: 978-1786436566, DOI 10.4337/9781786436573

16. Bertolaso M, Dupré J (2018), A processual perspective on cancer, in “Everything Flows: Towards a Processual Philosophy of Biology” (Eds. J. Dupré and D. Nicholson), OUP, pp. 321-336 ISBN: 9780198779636

17. Bertolaso, M. (2018), "The Threshold of Scientific Rationality. The Relational Ontology of Levels: Emerging Epistemology for Biological Sciences", in Velázquez, H. (comp.), Tirant Lo Blanch, Madrid, ISBN: 9788417203573

18. Boem F, Malagrino I, Bertolaso M (2018), In Silico Clinical Trials: a Possible Response to Complexity in Pharmacology, in *Uncertainty in Pharmacology* (Ed. B. Osimani), Springer, p. 135-152.

19. Bertolaso M, Ratti, E (2018) Conceptual challenges in the Theoretical Foundations of Systems Biology, in Bizzarri, M. (ed.), *Systems Biology*, series: *Methods in Molecular Biology*, vol. 1702. New York, Springer, pp. 1-13, series ISSN: 1064-3745, ISBN 978-1-4939-7455-9, DOI: 10.1007/978-1-4939-7456-6_1

20. Bertolaso, M. (2018), "Be-Com-Ing: Cuestiones emergentes en el estudio de la unidad dinámica del organismo", in Velázquez, H., Contreras, L., Mendoza, F. (eds.), *La unidad del viviente desde un enfoque interdisciplinario: del origen de la vida a la generación de hábitos. Una aproximación desde la filosofía y las ciencias biológicas.*, Comares, Granada

21. Bertolaso M, Güell F (2018), ¿Requiere la complejidad biológica un marco indeterminista? in Vanney, C. E., & Franck, J. F. (Eds.). (2018). ¿Determinismo o indeterminismo? Grandes preguntas

de las ciencias a la filosofía (2 ed.). Madrid: Universidad Francisco de Vitoria, pp. 265-295. ISBN 978-84-16552-95-5

22. Bertolaso M, (2018), "Introduction: Issues About Robustness in the Practice of Biological Sciences", in Bertolaso M, Caianiello S, Serrelli E (Eds), Biological Robustness - Emerging Perspectives from within the Life Sciences, in History, Philosophy and Theory of the Life Sciences, vol. 23. Springer, ISSN: 2211-1948

23. Brizi MR, Bertolaso M (2019) "Sostenibilità e generatività: alcune considerazioni sulla condizione femminile ai margini dell'enciclica Humanae Vitae" in Humanae Vitae (Ed. Domenica Leone), Cacucci Editore

24. Brizi M R, Bertolaso M (2019), Per una nuova idea di progresso: quale solidarietà per uno sviluppo sostenibile? In "Dalla società fordista alla società digitale" Nunziante Mastrolia (Ed), Licosia Editore.

25. Bertolaso M (2021) Understanding Complexity in Life Sciences, in "Environmental Alteration Leads to Human Disease A Planetary Health Approach" (Ed. Vittorio Ingenioli), Sustainable Development Goals Series, Springer.

26. Militello G, Bertolaso M (2020) The Complexity of Tumor Heterogeneity: Limitations and Challenges of the Pharmacogenomics in Cancer Treatment, in Personalized Medicine (Beneduce C and Bertolaso M, Eds), Springer, in press.

27. Bertolaso M, Marcos A (2021) Technological changes and rights evolution in the bio-digital era: A philosophical overview, in Cambridge Handbook of Life Science, Information Technology and Human Rights, Laura Liguori, Oreste Pollicino, Marcello Ienca, Elisa Stefanini e Roberto Adorno (Eds).

28. Bertolaso M (2021), Human Work and Automation: Negotiating the Tension Between Solitude and Relations, in Dignity and the Future of Work in the Age of the 4th Industrial Revolution, http://www.pass.va/content/scienze-sociali/en/publications/studiasselecta/dignity_of_work.html .

29. Bertolaso M, Capone L (2020) Forma e Materia. Schizzi preliminari per una teoria del dato, in Etica Digitale (Marta Bertolaso, Giovanni Lo Storto, Eds), Luiss editrice

30. Bertolaso M, Marcos A (2020) Para una concepción humanista de la tecnología. Reflexión crítica sobre la era bio-digital, en la Serie *Sociedad Tecnológica y Futuro Humano*, vol. 1: *Desafíos conceptuales*, Héctor Velazquez (Ed), Editorial Tirant Lo Blanch S.L./Universidad Mayor, in press.

31. Bertolaso M (2020) *Leaders del fare (pro)positivo*, in "Sulla rotta del nuovo mondo. CEO on board" (Serena Bianchini, Valeria Bonilauri, Marco Chiesa, Annalisa Galardi, Annachiara Moltoni, Cosma Panzacchi, Paola Perna, Eds). www.mindsetrevolution.elis.org/ceonboard

32. Bertolaso M and Strauss B (2021) The search for progress and a new theory framework in cancer research in Strauss B, Bertolaso M, Ernberg I, Bissel M (Eds) Rethinking cancer- A New Paradigm for the Postgenomics Era MIT press (in press) <https://mitpress.mit.edu/books/rethinking-cancer>

33. Bertolaso M (in press) Next Normal- Dal paradigma del controllo al paradigma della cura. In *Next Normal* (S. Maffettone, A. Del'Erario Eds), LUISS Editrice.

34. Bertolaso M (2021) *Complexity and Management: Epistemic Insights from Life Science* in Handbook of Philosophy. Handbook of Philosophy of Management (Eds. M. Dibben, M. Segal).
35. Bertolaso M and Velázquez H (2021) The Epistemology of Life - Understanding living beings according to a relational ontology, “From Electrons to Elephants and Elections: Saga of Content and Context” Shyam Wuppuluri FRSA (Ed), Springer.
36. Bertolaso M, Beneduce C (2021) *A Brief Reflection on Personalized Medicine. Philosophical Perspectives from Biology to Healthcare* en (Velázquez, H. ed.) “Sociedad Tecnológica y Futuro Humano, vol. 3: Retos sociales y tecnología”, Editorial Tirant Lo Blanch S.L./Universidad Mayor
37. Di Fausto D, Bertolaso M, Boschetto E (2021) Dagli Head Quarter Agli Hub Quarter: Verso Il Relational Workplace, in “i tre nodi dell’hr: digilità, umanità, spazialità” (Ornella Chinotti e Andrea Granelli, Eds), Harvard Business Reviews
38. Bertolaso M (in press) Perché le soluzioni uniche non sono una soluzione, in "*Scienziati in affanno? Scienza, politica e società: l’approccio post-normale in teoria e nelle pratiche*" (Alba L’Astorina, Cristina Mangia (a cura di)). 2021 © Cnr Edizioni- ISBN: 978-88-8080-277-8 – CARTACEO / 978-88-8080-279-2 – DIGITALE
39. Bertolaso M (2023) Gli spazi della relazione. La logica sistemica per lo sviluppo dei territori in “*RIPARTIRE DAI TERRITORI. La rigenerazione dei territori come strumento di sviluppo economico e sociale*”, Boschetto E., Granelli A. (Eds.), Fondazione Venture Thinking & The Thinking Watermill Society.

Special Issue (Editor) – CURATELA

1. Bertolaso M (Ed) (2017) Emerging trends in Philosophy of Biology. Acta Philosophica ISSN: 1121-2179
2. Bertolaso M. & MacLeod M (Eds) (2016) In Silico Modeling: the Human Factor, HUMANA.MENTE Journal of Philosophical Studies. ISSN: 1972-1293
3. Bertolaso M, Di Bernardo M (Eds) (2016) Bio-Disciplines, Scienze & Ricerche. ISSN: 2532-134X
4. Bertolaso M (Ed) (2014), Cancer and its Complexity: Epistemological and Ethical Reflections, Special Issue, Medic. Metodologia didattica ed innovazione clinica, Vol. 2. ISSN: 1824-3991

Entry for Enciclopedia – VOCE (IN DIZIONARIO O ENCICLOPEDIA)

1. Bertolaso M, James f. O’ Brien, August Edward Manier (2013). Mechanisms. In: New Catholic Encyclopedia Supplement 2012-13: Ethics and Philosophy, vol. 1. Detroit: Robert L. Fastiggi, pp. 982-991 ISBN: 978-1414480855, https://www.cengage.com/search/productOverview.do?N=197&Ntk=P_EPI&Ntt=21135528693655775214795319621571820665&Ntx=mode%2Bmatchallpartial
2. Bertolaso M, Cerezo M (2017). Robustez Biologica. In Diccionario Interdisciplinar Austral, Claudia E. Vanney, Ignacio Silva y Juan F. Franck. (Eds), pp. 1-31 ISSN: 2524-941X
3. Dieli AM, Bertolaso M (2017) Selección natural. In Diccionario Interdisciplinar Austral, Claudia E. Vanney, Ignacio Silva y Juan F. Franck. (Eds), pp. 1-16 ISSN: 2524-941X
4. Bertolaso M (2017) Organismo. In Diccionario Interdisciplinar Austral, Claudia E. Vanney, Ignacio Silva y Juan F. (Eds), pp. 1-26 ISSN: 2524-941X

Books – MONOGRAFIA O TRATTATO SCIENTIFICO

1. Bertolaso M (2012) - Il Cancro come questione. Modelli Interpretativi e Presupposti Epistemologici, Monografia, Franco Angeli, Milano. ISBN 978-88-568-4629-4
2. Bertolaso M (2013) - How Science works. Choosing Levels of Explanation in Biological Sciences, Aracne s.r.l., Rome. ISBN 978-88-548-6088-9
3. Bertolaso M (2015) “The Future of Scientific Practice: ‘Bio-Techno-Logos’”, Bertolaso M. (Ed.), Pickering & Chatto Publishers. London:Pickering and Chatto Publishers, ISBN: 978-18-489-3562-4, doi: 10.4324/9781315653693
4. Bertolaso M (2016) Philosophy of Cancer – A Dynamic and Relational View. Springer Series in “History, Philosophy and Theory of the Life Sciences” 18. ISBN 978-94-024-0863-8
5. Bertolaso M, Marcos A (2023) Umanesimo tecnologico. Carocci Editore.
6. Bertolaso M, Giuliani A (*forthcoming*) Abitare le Terre di Mezzo. Metodi e Modelli dei Sistemi Complessi
7. Bertolaso M, Angelo Marinucci, Longo G, (*forthcoming*) I ritmi del vivente. Rubettino
8. Bertolaso M, A. Marinucci (2024 *forthcoming*) Le questioni aperte della vita. Epistemologia della Complessità. Rubettino

Edited Books – CURATELA

1. Bertolaso M (Ed) (2015), The Future of Scientific Practice: ‘Bio-Techno-Logos’, Pickering & Chatto Publishers, London. ISBN 978-18-489-3562-4
2. Bertolaso M, Di Stefano N (Eds) (2016) The Hand – Perception, Cognition, Action - Springer, SAPERE. ISBN: 978-3319668802
3. Bertolaso M, Caianiello S, Serrelli E (Eds) (2018). Biological Robustness - Emerging Perspectives from within the Life Sciences, in History, Philosophy and Theory of the Life Sciences, vol. 23. Springer, ISSN: 2211-1948
4. Bertolaso M, Sterpetti F (Eds) (2020), A Critical Reflection on Automated Science – Will Science Remain Human?, in Human Perspectives in Health Sciences and Technology, Springer.
5. Beneduce C, Bertolaso M (Eds) (2021), Personalized Medicine in the Making Philosophical Perspectives from Biology to Healthcare, in Human Perspectives in Health Sciences and Technology, Springer.
6. Strauss B, Bertolaso M, Ernberg I, Bissel M (2020) Rethinking cancer - A New Paradigm for the Postgenomics Era, MIT press (*forthcoming*) <https://mitpress.mit.edu/books/rethinking-cancer>
7. Bertolaso M, Lo Storto G (2021) Etica Digitale, Verità, responsabilità e fiducia nell’era delle macchine intelligenti, LUISS Editrice.
8. Bertolaso M, Capone L, Rodriguez-Llesma C (2022) Digital Humanism - A Human-Centric Approach to Digital Technologies, Palgrave (Springer)

Recent On-line Articles / Interviews

1. Interview for Marco Vigorelli Foundation: “Prospettive umane dell’Industria 4.0: tra Bio-Medicina e Tecnologia”, <https://www.marcovigorelli.org/prospettive-umane-dellindustria-4-0/>
2. Brizi M R, Bertolaso M (2018), “La cura e la sostenibilità”, in Studi e documenti, Fondazione Alberto Sordi, <http://www.fondazionealbertosordi.it/?p=1756>
3. Bertolaso M (2018), “Saremo governati dalle intelligenze artificiali? Riflessioni sul progetto di Macron”, Saluteuropa, in Uomo e Tecnologia, <https://saluteuropa.org/uomo-e-tecnologia/saremo-governati-dalle-intelligenze-artificiali-riflessioni-sul-progetto-di-macron/>
4. Bertolaso M (2018), “Ecco come tech e digital ci stanno rendendo più soli”, Saluteuropa, in Uomo e Tecnologia, <https://saluteuropa.org/uomo-e-tecnologia/ecco-come-tech-e-digital-ci-stanno-rendendo-piu-soli/>
5. Bertolaso M (2018), “Uomo e Tecnologia: dove stiamo andando?”, Saluteuropa, in Uomo e Tecnologia, <https://saluteuropa.org/uomo-e-tecnologia/uomo-tecnologia-dove-stiamo-andando/>

6. Bertolaso M (2019), “La semplicità nascosta della complessità biologica”, Saluteuropa, in Uomo e Tecnologia, <https://saluteuropa.org/uomo-e-tecnologia/la-semplicita-nascosta-della-complessita-biologica/>
7. Bertolaso M (2020) Dalle transizioni digitali ad un umanesimo tecnologico: <https://dirittodellinformazione.it/come-la-digitalizzazione-sta-cambiando-le-relazioni-umane/>
8. Bertolaso M (2020) per la Società di Filosofia Italiana (SFI): Dal paradigma del controllo al paradigma della cura: <https://drive.google.com/file/d/1lw15VseiQ6aipK2HgwE0BDPCsOnOaOnw/view>
9. Bertolaso M (2020) Intelligenza Artificiale e Società: tra Innovazione e Bene comune . <https://intelligenzartificiale.unisal.it/marta-bertolaso-intelligenza-artificiale-e-societa-tra-innovazione-e-bene-comune/>
10. Bertolaso M (2020) <https://intelligenzartificiale.unisal.it/dirette-streaming/>: Intelligenza artificiale e governance umana: prospettive educative e sociali
11. Bertolaso M (2020) https://27esimaora.corriere.it/20_aprile_30/a-venture-thinking-sabato-streaming-marta-bertolaso-scienziata-filosofa-uscire-crisi-natura-ci-insegna-fare-uso-perfetto-dell-imperfetto-30faefb4-8b27-11ea-a2b6-e57bd451de7e.shtml: Per uscire dalla crisi la Natura ci insegna a fare un uso perfetto dell'imperfetto.
12. Filosofia e Tecnologia: <https://www.solotablet.it/blog/filosofia-e-tecnologia/tecnologia-urgente-una-riflessione-critica-e-etica>
13. Etica Digitale: <https://www.letture.org/etica-digitale-verita-responsabilita-e-fiducia-nell-era-delle-macchine-intelligenti-marta-bertolaso-giovanni-lo-storto>
14. TEDx Luiss (May 2021): What does it mean to be human in the digital age? https://socialtv.luiss.it/video/tedxluiss-recharge/?fbclid=IwAR3etw30Cqls_20gj55jEZLC8TaIF2FxpCi7l5K-taIJiVRZiKdb-Arxio
15. Stroncature: Etica digitale - https://stroncature.substack.com/p/etica-digitale-a-cura-di-bertolaso?fbclid=IwAR0nSHG6gG0gl4QW0FHroPB6bP_wMxdaCxtQYDyY6jIYQBq_UDTUuF0kTQg
16. Rinascimenti Digitale – Confindustria Emilia Centro – 6 ottobre 2021: https://youtu.be/aMRqP1_vDLs
17. Confindustria 14 ottobre 2022: https://www.linkedin.com/posts/unindustria-reggio-emilia_assemblea-annuale-club-digitale-di-unindustria-activity-6990979720762802177-4e8X?utm_source=share&utm_medium=member_ios
18. <https://www.fortuneita.com/2022/11/18/marta-bertolaso-dalla-ricerca-sul-cancro-ai-nuovi-modelli-organizzativi-ed-economici/>
19. Bertolaso M (2022), Truth & Complexity. The role of trust in the relationship between humans and science: <https://thethinkingwatermill.com/marta-bertolaso-the-role-of-trust-in-the-relationship-between-humans-and-science/>
20. https://classagora.it/eventi/gli-stati-general-2023-dell-intelligenza-artificiale-2023?gclid=Cj0KCCQiA6LyfBhC3ARIsAG4gkF9UXtMfSVQ_K75vTN6KHHDWnWzIhsQfVxydPncA8EMv-1kS1mKRV2saApwvEALw_wcB
21. Class: Stati generali: <https://video.milanofinanza.it/video/uomo-macchina-immortalita-l-ia-responsabile-al-tempo-di-chatgpt-0SSdDyRC6GwP>
22. FORTUNE Italia - <https://www.fortuneita.com/2023/03/22/chatgpt-se-il-valore-non-saranno-le-sue-risposte-ma-le-nostre-domande-sul-lavoro/>
23. Fortune – Italia - <https://www.fortuneita.com/2023/04/19/le-grandi-dimissioni-sono-anche-un-grande-risveglio-del-desiderio-di-appartenere-ad-una-comunita-di-persone/>
24. <https://www.fortuneita.com/2023/09/12/il-trasferimento-tecnologico-non-e-una-questione-solo-tecnica-o-ingegneristica/?swcfpc=1>
25. https://www.huffingtonpost.it/life/2023/07/09/news/marta_bertolaso_etica_cura_intelligenza_artificiale_campus_biomedico-12611298/

Dissemination – FORTUNE Italy

- <https://www.fortuneita.com/2023/04/19/le-grandi-dimissioni-sono-anche-un-grande-risveglio-del-desiderio-di-appartenere-ad-una-comunita-di-persone/>
- <https://www.fortuneita.com/2023/03/22/chatgpt-se-il-valore-non-saranno-le-sue-risposte-ma-le-nostre-domande-sul-lavoro/>
- <https://www.fortuneita.com/2023/06/04/impresе-il-baluardo-della-fiducia-nella-societa/>
- <https://www.fortuneita.com/2023/08/02/non-basta-un-leader-per-guidare-unimpresa-serve-un-leadership-team/>