

**CURRICULUM
VITAE
ET
STUDIORUM**



INFORMATION

Name **GIOVANNI BONIOLO**
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University of Milano
&
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Country Italy
Birth Padova (Italy) – 08/08/1956
Fiscal Code BNLGNN56M08G224E

EDUCATION

Date **15/07/1981**
Institution **University of Padova (Italy)**
Title **Degree in Theoretical Physics**, with a dissertation thesis on *Indagine sulla genesi della teoria della relatività ristretta (Inquiry on the genesis of the special theory of relativity).*

Date **22/02/1985**
Institution **University of Padova (Italy)**
Title **Degree in Philosophy**, with a dissertation thesis on *Considerazioni sull'epistemologia e sulla teoria della storiografia scientifica. Con esemplificazioni nella fisica contemporanea (Epistemology and scientific historiography. About some case studies in contemporary physics)*

AFFILIATION AND APPOINTMENTS	<ul style="list-style-type: none"> • Since 01/10/08, Full Professor of “Logic and philosophy of science”, Dipartimento di Scienze della Salute, School of Medicine, University of Milano, where he teaches “Medical Humanities”, “Logic and rhetoric (Critical thinking)”, “Clinic Ethics”, “Practical Ethics”. • Since 2006, Director of the PhD program in “Foundations of the Life Sciences and Their Ethical Consequences”, European School of Molecular Medicine (SEMM, Milano) and University of Milano. • Since 2006, Director of the Biomedical Humanities Unit, Department of Experimental Oncology, Istituto Europeo di Oncologia (IEO, Milano).
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ACTIVITIES, APPOINTMENTS, ROLES	<ul style="list-style-type: none"> • 2015-2017. Awarded with an Anna Boyksen Fellowship at the Institute for Advanced Study of the Technische Universität München. • Since 2015, member of the Associazione “Per il bene comune” (Association “For the common good”). • In 2014, awarded by the Italian Olympic National Committee (CONI) for the best book on sport (<i>Le regole e il sudore. Divagazioni su sport e filosofia</i>, Raffaello Cortina Editore, Milano 2013). • Since 2014, chair of the Ethics Committee for the Biomedical Research (Comitato Etico per la Ricerca Biomedica) of the FIRC Institute of Molecular Oncology (IFOM), Milano. • 2014. Director of the Master in Ethical Counseling in Oncology, realized by the European School of Oncology (ESO) and the European School of Molecular Medicine (SEMM) . • Since 2013, member of the Scientific Committee of <i>Fondazione Sasso Corbaro</i>, Ticino (Switzerland) • External reviewer for an Indo-Swiss research project on cord blood banking with Swiss National Science Foundation. • Since 2014, International consultant of the Centro de Filosofia das Ciências da Universidade de Lisboa (Portugal). • 2012-2014, member of the Scientific Editorial Board of <i>ABCD Magazine, Associazione di Biologia Cellulare e del Differenziamento</i> and co-editor of the section Science and Society. • Since 2013, member of the Scientific Committee of the Società Italiana Biodiritto. • Since 2010, member of the Scientific Committee of the Fondazione Umberto Veronesi. • 2012-2013, member of the committee “Palliative cares and pain therapy”, of the Ordine dei Medici (Rovigo, Italy). • Since 2013, member of the Ethical Committee of the VAS–Vascular–Independent Research & Education–European Organisation. • Since 2012, External Member of the Center for the Study of Bioethics, University of Belgrade (Serbia). • 2011-2013, Director of the Corso di Alta Formazione in <i>Genetica Forense</i>, organized by European School of Molecular Medicine (SEMM), Istituto Europeo di Oncologia (IEO), Ufficio Referenti per la Formazione Decentrata dei Magistrati del Distretto di
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	<p>Milano (Consiglio Superiore della Magistratura) and Camera Penale di Milano.</p> <ul style="list-style-type: none"> • Since 2006, member of the Ethics Committee of the University of Milano. • Since 2011, member of the European School of Oncology (ESO) Task Force in the field of Medical Humanities. • Since 2010, member of the Establishing Committee of the European Master in “Angiology and Vascular Medicine”, University of Milano. • Since 2010, chair of the Institutional Animal Care and Use Committee, Firc Institute of Molecular Oncology (IFOM, Milano). • 2009-11, member of Executive Committee of “Festival della Salute” and Scientific Director of the bioethical meetings. • 2008-2010, chair of the Independent Ethical Committee of the European project “Eurocancercoms. Establishing an efficient network for cancer communication in Europe” • 2011-2011, chair of the Independent Ethical Committee of the European project “p-medicine - From data sharing and integration via VPH models to personalized medicine”. • 2006 al 2011, senior team leader at Firc Institute of Molecular Oncology (IFOM, Milano (Research group: Biomedical Humanities, Bioethics). • 2008-2010, member of the Comitato Regionale per i Trapianti del Piemonte e della Valle d’Aosta. • Since 2007, co-director and founders of the “European Advanced Seminars in the Philosophy of the Life Science”, realized among ESRC Centre for Genomics in Society, University of Exeter (Exeter, UK); European School for Molecular Medicine (Milan, Italy); Institut d’Histoire de la Médecine et de la Santé (Geneva, Switzerland); Institut d’Histoire et de Philosophie des Sciences et des Techniques, Paris-1 Sorbonne (Paris, France); Konrad Lorenz Institute for Evolution and Cognition Research (Altenberg, Austria); Max-Planck-Institut für Wissenschaftsgeschichte (Berlin, Germany). • Since 2012, co-director and founders of the “European Advanced Seminars in the Philosophy of Medicine” resulting from the international network among European School for Molecular Medicine (Milan, Italy), King’s College (London, UK); Paris 1 and University of Tours (France); University of Pittsburgh (USA); Institute for the History, Philosophy and Ethics of Medicine (Mainz, Germany). • 2006-2011, director of the series of books <i>Dimensioni della scienza</i> (Bompiani, Milano). Volumes published: O. Longo, <i>Scienza mito, natura. La nascita della biologia in Grecia</i>; G. Barbujani, <i>L’invenzione delle razze. Capire la biodiversità umana</i>; G. Nebbia, <i>Nucleare. Il frutto proibito</i>; A. Pilastro, <i>Sesso ed evoluzione. La straordinaria storia evolutiva della riproduzione sessuale</i>; V. Giardino, M. Piazza, <i>Senza parole. Ragionare con le immagini</i>; G. Barbujani, <i>Europei senza se e senza ma</i>; F. Laudisa, <i>Albert Einstein. Un atlante filosofico</i>. • 2006-2009, member of the Advisory Board, European Centre for the Sustainable Impact of Nanotechnologies (ECSIN). • 2005-2006, ethical advisor of the Centro Nazionale Trapianti (CNT). • Since 1999, member of the Accademia dei Concordi (Rovigo, Italy)
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	<ul style="list-style-type: none"> • 1997-2008, member of the Scientific Committee of the Centro Interdipartimentale di Ricerca in Storia e Filosofia delle Scienze (University of Padova, Italy) • 1994-2008, member of Scientific Committee of the Centro Interdipartimentale di Studi Cosmologici (University of Padova, Italy). • 1993-1996, director of the Computer Center of the Facoltà di Lettere e Filosofia (University of Padova, Italy). • 1993-1996, member of the Didactic-Scientific Advisor Board and of the Scientific Committee of the Computer Centre (University of Padova, Italy).
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TRAINING AND RESEARCH MANAGEMENT	<p>2006-2015.</p> <p>He has designed, established, organized and directed</p> <ul style="list-style-type: none"> • PhD program in “Foundations of the Life Sciences and Their Ethical Consequences” (FOLSATEC), European School of Molecular Medicine (SEMM, Milano) and University of Milano. • Biomedical Humanities Unit, Department of Experimental Oncology, Istituto Europeo di Oncologia (IEO, Milano). <p style="text-align: center;">The PhD program</p> <p>DESCRIPTION: The aim of the 4-years Phd program in FOLSATEC was the creation of highly skilled scholars in the humanistic disciplines concerning biomedical research and clinical practice in order to i) ameliorate the conceptual understanding and the ethical implications of biomedical research and clinical practice; ii) improve the quality of life of the patients by empowering them and by providing humanistic awareness to the practitioners.</p> <p>The PhD program provided for: i) the possibility to address and analyse in depth a variety of bioethical and societal issues; ii) the possibility to explore the philosophical foundations of molecular biomedicine and clinical practice; iii) the possibility to refine logical/analytical/philosophical skills; iv) the possibility to conduct genuinely interdisciplinary research, which combines in a fruitful way scientific and humanistic subjects; v) the possibility to interact with (and to observe the work of) top scientists and experienced doctors.</p> <p>TEACHING STAFF:</p> <p><i>Internal faculty:</i> Giovanni Boniolo: Università di Milano e IEO; Giuseppe Testa: IEO</p> <p><i>Visiting teaching staff (over the years):</i> Guido Barbujani (Università di Ferrara), Mark Bedau (Reed College, USA), Marta Bertolaso (Campus Biomedico, Roma), Marcello D’Agostino (Università di Ferrara), Bernardino Fantini (University of Geneva, CH), Marco Ferraguti (Università di Milano), Giulio Giorello (Università di Milano), John Harris (University of Manchester, UK), Nils Hoppe (University of Hannover, Germany), Sheila Jasanoff (Harvard Kennedy School, USA), Matteo Mameli (King’s College, London), Michel Morange (Ecole Normale Supérieure, Paris), Marco Nathan (University of Denver, USA), Federica Russo (University of Kent, UK), Corrado Sinigaglia (Università di Milano), Jan Sprenger (Tilburg Center for Logic and Philosophy of Science, NL), David Teira (National Distance Education University, Madrid).</p> <p>TRAINING</p> <p>During the first two years, courses for about 250 hours per year were offered: Bioethics, Biolaw, Computation for philosophers, Epistemology, Evolutionary biology, Foundations of ethics and bioethics, Foundations of probability and statistics, General philosophy of science, History of biomedicine, Logic and rhetoric, Molecular genetics, Philosophy of the life sciences, STS and the life sciences, Bioinformatics, Developmental biology and animal models, Fundamental principles in molecular oncology, Genomics and proteomics, Scientific methodology.</p> <p>Each student, independently of his/her background, had to spend during the first</p>
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	<p>year, half of his/her time in two different research laboratories within the Ifom- Ieo Campus in order to be acquainted with empirical up-to-date biomedical science. During this period he/she also learned some techniques used in biomedical laboratories. At the end of the first year, each student chose a lab at the Ifom-Ieo Campus or at the IEO hospital, and here he/she spent half his/her time for about another year.</p> <p>TUTORING: Each student was followed by i) a supervisor, chosen within the teaching staff; ii) an external advisor, chosen preferably in Europe and according to the research topic; iii) an internal lab advisor chosen within the Campus or at the IEO hospital.</p> <p>ASSESSMENT</p> <p>Probationary Period Report: During the second year the student is requested to write a probationary period report, which was evaluated</p> <p>Public seminar: During the 3rd year, between May and June, the student was requested to hold a public seminar to show his/her preliminary results and the plan to complete the work in time for discussing the thesis. The seminar was evaluated.</p> <p>3rd year report: The 3rd year report was a draft of the thesis. It was evaluated by the coordinator and the teaching staff.</p> <p>Viva examination: At the end of the fourth year, each student was assigned an examination panel composed of two examiners, one internal and one external belonging at European scientific institution.</p> <p>MEETINGS: a number of meetings were scheduled during the year:</p> <p>Student meetings with journal survey. Each month either the second-year or the third-year students had to present how their researches are progressing. This was followed by a survey of the most relevant papers published in the month (each student has to survey a bunch of international journals and s/he has to prepare a review)</p> <p>Research Unit Meetings. Each student belonged to a Research Unit (see below) and each month such research unit had a meeting to read papers and discuss research issues.</p> <p>Reading Club. Planned and organized by the students, it is intended to collectively read classical philosophical works from Plato to Rawls.¹</p> <p>STUDENT MOBILITY</p> <p>Each student was invited to spend a period abroad at a renowned European institution for 6 months at most.</p> <p>Each student was invited and supported to participate to international meetings and conferences where he/she had to present his/her results.</p> <p>SOME DATA</p> <table border="1"> <thead> <tr> <th></th> <th>2007</th> <th>2008</th> <th>2009</th> <th>2010</th> <th>2011</th> <th>2012</th> <th>2013</th> <th>2014</th> <th>2015</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Applicants</td> <td>34</td> <td>70</td> <td>46</td> <td>31</td> <td>25</td> <td>44</td> <td>40</td> <td>34</td> <td>10</td> <td>334</td> </tr> <tr> <td>Non-Italian Applicants</td> <td>21</td> <td>52</td> <td>33</td> <td>20</td> <td>14</td> <td>30</td> <td>26</td> <td>22</td> <td>6</td> <td>124</td> </tr> <tr> <td>Enrolled</td> <td>4</td> <td>4</td> <td>4</td> <td>3</td> <td>4</td> <td>4</td> <td>4</td> <td>2</td> <td>1</td> <td>31</td> </tr> </tbody> </table>		2007	2008	2009	2010	2011	2012	2013	2014	2015	Total	Applicants	34	70	46	31	25	44	40	34	10	334	Non-Italian Applicants	21	52	33	20	14	30	26	22	6	124	Enrolled	4	4	4	3	4	4	4	2	1	31
	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total																																			
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Enrolled	4	4	4	3	4	4	4	2	1	31																																			

¹ The classical philosophical works were: Plato, *Theaetetus*; Aristotle, *Metaphysics*; Aristotle, *Nicomachean Ethics*; Descartes, *Discourse on the method*; I. Kant, *Groundwork of the Metaphysics of Morals*; Kant, *Critique of Pure Reason*; D. Hume, *Treatise of Human Nature*; J.S. Mill, *Utilitarianism*; J.Rawls, *A theory of justice*; Mach, E. *Erkenntnis und Irrtum*; Poincaré, H.J. *La science et l'hypothèse*; Duhem, P. *La théorie physique: son objet et sa structure*; Cassirer, E. *Substanzbegriff und Funktionsbegriff*; Popper, K.R., *Conjectures and Refutations*; Quine, W.v.O. *Ontological Relativity and Other Essays*

Non-Italians Enrolled	2	2	2	2	1	0	4	0		13
	Poland USA	Germany Serbia	Germany South-Africa	Canada Germany	Brazil		Australia Germany Lithuania Serbia			
Females	2	1	1	1	1	1	3	1	1	12

Students graduated (from 2010 to 2014): 17.

Graduate Students with a position (in Italy, USA, Germany, France, China, South Africa, UK) after the PhD (in 2014): 15

BIOMEDICAL HUMANITIES UNIT

Over the years the FOLSATEC students have been also the core of the **Biomedical Humanities Unit** at the Department of Experimental Oncology of the IEO. It consisted of three sub-units:

Research Unit 1: Foundational questions

There are at least two ways of addressing biomedicine and clinical practice from a philosophical perspective: one is more attentive to the philosophical side and one more attentive to the scientific side. Concerning the former, we were interested in the conceptual analysis both of terms belonging to biomedical research or clinical practice (gene, susceptibility, disease, therapy, cancer, stem cell, model organism, etc.) and of terms that may be explicated by means of biomedical knowledge (life, death, individuality, organism, etc.). Regarding the latter, we proposed a philosophy that has a real impact on science, both at research and at clinical level. For example, i) we developed a formal language that should permit to write intra- and infra-cellular processes as computable theorems; ii) we worked on bio-ontologies which, in these years, have a great relevance relatively to the elaboration, storage and retrieval of the enormous bulk of data coming from the lab and from the clinical research.

Research Unit 2: Individual and public ethical questions

Each step of the chain from the scientist's lab bench to the patient's bedside raises a host of ethical issues, both at the individual level and at the collective level. Our research focused on some of these, for example those raised by biobanks, consent, clinical trials, human embryonic stem cells, vaccination, and so on. Our aim was to improve the quality of the public discussion on these important issues as well as to promote responsible individual choices and effective public policies (we touched issues such as democratic legitimation of public policy concerning health matter, responsible and active citizenship in the health domain, freedom of choice and expression in relation to research and treatment, etc.). Our research was characterised, at public level, by an emphasis on deliberative practices and, at individual level, on the necessity of a good ethical counseling to really empower patients in front of any diagnostic or therapeutic action.

Research Unit 3: Societal questions

In our Science and Technology Studies approach we focused on the mutual shaping of epistemic and normative orders that arise at the interface of biomedicine and society.

PUBLICATIONS

Over the years, the **Biomedical Humanities Unit** has produced about the 90% of the papers published in international peer review journals by Italian institutions in the three fields of expertise. In particular the non-tenured members (the PhD students) have published:

	orth.	2013	2012	2011	2010	009	008	007	
Research Unit 1		5	7	7	2				33
Research Unit 2		5	14	13	3				47
Research Unit 3		1	1	1					4
	2	12	22	21	5				84

<p>EDITORIAL ACTIVITY</p>	<ul style="list-style-type: none"> • Since 2014, Editor in chief of <i>Springer Briefs on Ethical and Legal Issues in Biomedicine and Technology</i> (concise perspectives in cutting-edge research and practical applications across a wide spectrum of fields concerning the ethical and legal implications and sustainability of contemporary biomedicine - drug discovery and clinical practice included - and technology - nanotechnology, robotics, information technology, innovation engineering, etc.). • 2006-2011, Director of the series of books <i>Dimensioni della scienza</i> (Bompiani, Milano). Volumes published: O. Longo, <i>Scienza mito, natura. La nascita della biologia in Grecia</i>; G. Barbujani, <i>L'invenzione delle razze. Capire la biodiversità umana</i>; G. Nebbia, <i>Nucleare. Il frutto proibito</i>; A. Pilastro, <i>Sesso ed evoluzione. La straordinaria storia evolutiva della riproduzione sessuale</i>; V. Giardino, M. Piazza, <i>Senza parole. Ragionare con le immagini</i>; G. Barbujani, <i>Europei senza se e senza ma</i>; F. Laudisa, <i>Albert Einstein. Un atlante filosofico</i>. • 1989-1994, Director of series of books <i>Képos</i> (Piovan Editore, Padova). Volumes published: G. Berkeley, <i>De Motu</i>; I.Kant, <i>Primi principi metafisici della scienza della natura</i>; M. Bunge, <i>Filosofia della fisica</i>; V. Tonini, <i>Epistemologia della fisica moderna</i>; H. J. Poincaré, <i>Opere epistemologiche</i> (vol. I: <i>La scienza e l'ipotesi; Il valore della scienza</i>. vol. II: <i>Scienza e metodo; Ultimi pensieri</i>); N. Hanson, <i>Il concetto di positrone. Un'analisi filosofica</i>; V. Somenzi, <i>Tra fisica e filosofia</i>; G. Berkeley, <i>Siris</i>; G. Boniolo, <i>Linguaggio, realtà, esperimento. Per una filosofia filosofica della fisica</i>.
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<p>SCIENTIFIC MANAGEMENT</p>	<ul style="list-style-type: none"> • Over the years, he has (co-)organized also the following international meetings: <ul style="list-style-type: none"> ▪ “Ontological issues in the life sciences”, European Advanced Seminars in the Philosophy of the Life Sciences, Vienna, September 1-5, 2014. ▪ “Unity and Autonomy in philosophy of medicine”, International Advanced Seminar In Philosophy of Medicine, June 20-21-22, 2013, Paris (France) ▪ “In Vivo, ex Vivo, in Vitro, in Silico: Models in the Life Sciences”, European Advanced Seminars in the Philosophy of the Life Sciences, Geneva (Switzerland), September 10 - 14, 2012. ▪ “Who should own the biomedical innovations? Ethical and societal implications”, Lucca (Italy), September 28, 2011 ▪ “Genetic Testing and Hereditary Diseases: Between the Right to Know and the Duty to Inform”, Viareggio (Italy), September 22, 2010. ▪ “Causation and Disease in the Postgenomic Era”, European Advanced Seminars in the Philosophy of the Life Sciences, Geneva (Switzerland), September 6 - 11, 2010. ▪ “Rethinking autonomy in the research biobanks age”, Milano (Italy), December 17-18, 2009. ▪ “Brain Death and Organ Donation: Ethical and Scientific Issues”, Viareggio (Italy), September 24, 2009. ▪ European Advanced Seminars in the Philosophy of the Life Sciences, Gorino Sullam (Italy), September 2008.
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	<ul style="list-style-type: none"> ▪ “On the foundations of the biomedical sciences”, Venezia (Italy), December 2-4, 2004. ▪ “The role of mathematics in physical sciences”, Veli Lošinj (Croatia), August 25-29, 2003. ▪ “Ethics, Biology and the Representation of Human Behaviour”, Venezia (Italy), December 15-16, 2001. • Member of the Editorial Board or of the Advisory Board of <i>Logic and Philosophy of Science; History and Philosophy of The Life Sciences; HOPOS; The Journal of the International Society for the History of Philosophy of Science; Humana Mente; Prolegomena: Journal of Philosophy; ecancermedalscience; Salute Persona Cittadinanza; Politeia. Rivista di etica e scelte pubbliche.</i> • Member of the editorial board of the series of books: i) “Mefisto. Collana di Storia, Filosofia e Studi Sociali della Biologia e della Medicina” (Edizione ETS, Firenze); ii) “Filosofica” (Archetipolibri, Bologna); iii) “Studi di epistemologia” (Archetipolibri, Bologna) • He serves as reviewer for many international journals and publishing houses, for Italian and European universities and for the European Research Council (ERC); and for Italian charitable organisations. • Member of <i>Società Italiana Biodiritto (SIB); Fondazione Umberto Veronesi (FUV); Società Italiana di Logica e Filosofia della Scienza (SILFS); Accademia dei Concordi di Rovigo; European Society For Philosophy of Medicine And Healthcare (ESPMH); International Society for History, Philosophy, and Social Studies of Biology (ISHPSSB); European Philosophy of Science Association (EPSA); Società Italiana di Storia, Filosofia e Studi Sociali della Biologia e della Medicina (BIOM).</i>
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<p style="text-align: center;">TEACHING ACTIVITIES (extra curriculum)</p>	<ul style="list-style-type: none"> • He has extensively lectured in many Italian, European and non-European institutions • 2011-2012: invited lecturer of “Bioethics” (Corso di Laurea Magistrale in Biodiversità ed Evoluzione Biologica (University of Milano). • 2008-2009: contract professor of “Philosophy of science” (Scuola Galileiana di Studi Superiori, University of Padova.) • 2001-2006: contract professor of “Philosophy of science” (Master in Giornalismo scientifico, International School for Advanced Studies, SISSA, Trieste). • 1999-2006: contract professor of “Logic and Philosophy of science” (Scuola Interateneo di Specializzazione per la Formazione degli Insegnanti delle Scuole Superiori, Regione Veneto). • 1998-1999: invited lecturer of “History of science” (Faculty of Sciences, University of Padova). • 1994-1999: contract professor of “Philosophy of Nature” (Istituto Filosofico Aloisianum, Padova). • 1993-1994: invited lecturer of “Introduction to informatics” (Scuola di Specializzazione in Archeologia, University of Padova). • 1988-1989: contract professor of “Principles of general sociology” (Scuola di Specializzazione in Giornalismo e Comunicazioni di Massa, Libera Università Internazionale degli
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	<p>Studi Sociali Guido Carli , LUISS, Roma).</p> <ul style="list-style-type: none"> • 1987-1989: lecturer in “Sociology” (Libera Università Internazionale degli Studi Sociali Guido Carli , LUISS, Roma). • 1985-1992: professor of “Mathematics and Physics” (High Schools, Padova).
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LINGUISTIC COMPETENCE	
Native	Italian
Read, written and spoken	English
Read	French, German

VISITING EXPERIENCES	<ul style="list-style-type: none"> • December 2004, Visiting Researcher (Department of Philosophy, Columbia University, New York, USA). • November 2004, Visiting Professor (Institut für Philosophie, Karl Franzens Universität, Graz, Austria). • January 2002, Visiting Professor (Institut Supérieur de Philosophie, Louvain-La-Neuve, Belgium). • September/November 2001, Visiting Researcher (Department of Biochemistry and Molecular Biology, University of Ferrara). • January 2001, Visiting Professor (Department of Philosophy, Aristotle University of Thessaloniki, Greece). • December 1999, Visiting Professor (Dipartimento de Lógica y Filosofía de la Ciencia, Universidad Complutense de Madrid, Spain). • November/December 1997, Visiting Researcher (Department of Philosophy, Boston University, USA). • April/May 1996, Visiting Member (Sub-Faculty of Philosophy, Oxford, UK). • May 1995, Visiting Professor (Department of History and Philosophy of Science, Eötvös Lorand University di Budapest, Hungary). • August/November 1993, Honorary Research Fellow (Department of History and Philosophy of Science, University College London, UK).
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ACADEMIC CAREER	<ul style="list-style-type: none"> • From 01/10/1992 to 30/09/2001, Associated Professor of “Logic and Philosophy of Science”, University of Padova (Italy) (He won the National Competition for Associated Professor in 1991) • From 01/10/2001 to 30/09/2008, Full Professor of “Logic and Philosophy of Science”, University of Padova (Italy) (He won the National Competition for Full Professor in 2000).
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Grants	<ul style="list-style-type: none"> • 1999: Ministry of University and Research • 2002: Ministry of University and Research • 2007: Ministry of University and Research • 2013: Fondazione Veronesi • 2013: European School of Oncology
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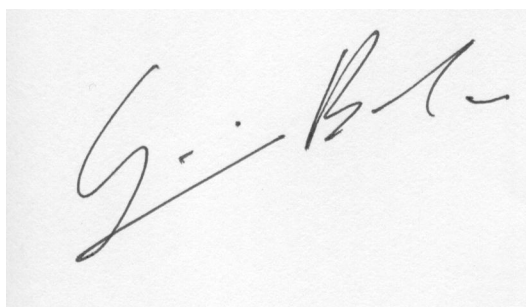
	<ul style="list-style-type: none"> • 2015: Fondazione Cariplo
RESEARCH FIELDS	<ul style="list-style-type: none"> • Applied ethics and bioethics • Philosophy of biomedicine and medical practice • Epistemology
RESEARCH LINES	<ul style="list-style-type: none"> • Public decision-making and ethical deliberation • Individual decision-making and ethical counseling • Trust based consent for patients • The concept of disease (in particular, genetic disease) • The philosophical bases of molecular medicine • Zsyntax: a formal language for molecular biology
COUNSELING	<ul style="list-style-type: none"> • Direction of working groups in the field of applied ethics • Ethical, methodological and rhetorical counseling • 2004 - Methodological counseling for Corso di laurea in Odontoiatria e protesi dentaria (University of Trieste) • 2004 - Methodological and rhetorical counseling for Clinica Odontoiatrica (Spedali Civili, Brescia). • 2004 - Project and direction working group for Codice Etico, UMANA s.p.a. • 2005 - Ethical and methodological counseling for the booklet "Intorno ai trapianti" (Dipartimento di Trapianti d'Organi e Tessuti , Polo Sanitario di Udine) • 2006 - Ethical counseling for the guidelines for cross-over kidney transplantation (Centro Nazionale Trapianti, Roma) • 2006 - Ethical and methodological counseling for a book on psychiatric and psychic disability (Mimesis Edizioni, Milano)
WORKS	<p>His work and eclectic interests are witnessed by 13 books (plus 12 books edited) and about 190 papers, most of them published in international peer reviewed journals, such as <i>Nature</i>, <i>Axiomathes</i>; <i>Biology and Philosophy</i>; <i>Foundations of Physics</i>; <i>Foundations of Science</i>; <i>History and Philosophy of the Life Sciences</i>; <i>International Philosophical Quarterly</i>; <i>International Studies in the Philosophy of Science</i>; <i>The British Journal for the Philosophy of Science</i>; <i>Philosophy</i>; <i>Bioethics</i>; <i>Journal of Philosophical Logic</i>; <i>Philosophical Explorations</i>; <i>Studies in History and Philosophy of Biological and Biomedical Sciences</i>; <i>Journal of Medical Ethics</i>; <i>Journal of Medicine and Philosophy</i>; <i>PLOsONE</i>; <i>Erkenntnis</i>; <i>Notre Dame Journal of Formal Logic</i>; <i>Medicine, Healthcare and Philosophy</i>; <i>Critical Reviews in Oncology/Hematology</i>; <i>Journal of Applied Logic</i>, <i>Journal of Medical Humanities</i>; <i>Multidisciplinary Respiratory Medicine</i>; <i>Cancer Treatment Reviews</i>.</p>
SPORTS	<ul style="list-style-type: none"> • From 16 to 24, he played basketball professionally. • From 2010 to 2012, he was the President of a basket sport club with about 300 players (from 10 to 34 years old) and with about 25 staff members. • He plays basketball, cycles and swims. He used to play tennis

	and to do cross country skiing, horse riding and diving. Sometimes he likes to be a runner.
HOBBIES	<ul style="list-style-type: none"> • Art (as a watcher) • Music (as a listener) • Literature (as a reader)
FAMILY	<ul style="list-style-type: none"> • Married • Two daughters • One son
ANNEXE	Publications

For Italy:

Il sottoscritto è a conoscenza che, ai sensi dell'art. art. 76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali. Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo quanto previsto dalla Legge 196/03.

Giovanni Boniolo



May 27, 2015

PUBLICATIONS

BOOKS

2013

17. *Le regole e il sudore. Divagazioni su sport e filosofia*, Raffaello Cortina Editore, Milano 2013

2012

16. *The Art of Deliberating. Democracy, Deliberation and the Life Sciences Between History and Theory*, Springer, Heidelberg 2012 (Modified Engl. Trans. of n. 14)

2011

15. (with P. Vidali) *Strumenti per ragionare. Logica e teoria dell'argomentazione*, Bruno Mondadori, Milano 2011 (New and revised edition of n. 8).
14. *Il pulpito e la piazza. Democrazia, deliberazione e scienze della vita*, Raffaello Cortina, Milano 2011.

2007

13. (with G. De Anna, U. Vincenti), *Individuo e persona. Tre saggi su chi siamo*, Bompiani Milano 2007.
12. *On Scientific Representation. From Kant to a New Philosophy of Science*, Palgrave Macmillan, Houndmills 2007.

2003

11. *Il limite e il ribelle. Etica, Naturalismo, Darwinismo*, Raffaello Cortina, Milano 2003.
10. (with P. Vidali) *Introduzione alla filosofia della scienza*, Bruno Mondadori, Milano 2003.
9. (with P. Vidali) *Argomentare. Corso di filosofia*, Bruno Mondadori, Milano, Voll. I-V, 2002-2003.

2002

8. (with P. Vidali) *Strumenti per ragionare*, Bruno Mondadori, Milano 2002.

1999

7. *Metodo e rappresentazioni del mondo*, Bruno Mondadori, Milano 1999.
6. (with P. Vidali) *Filosofia della scienza*, Bruno Mondadori, Milano 1999.

1991

5. *Linguaggio, realtà, esperimento. Per una filosofia filosofica della fisica*, Piovani Ed., Abano Terme (Padova) 1991.

1990

4. *Questioni di filosofia e di metodologia delle scienze sociali*, Borla Ed., Roma 1990.

1988

3. *Linguaggio e antifondamentalismo. Un'indagine sui limiti e sulle potenzialità della ragione*, Borla Ed., Roma 1988.

2. *Mach e Einstein. Spazio e massa gravitante*, Armando Ed., Roma 1988.

1986

1. *Teorie fisiche e idee metafisiche*, Piovani Ed., Abano Terme (Padova) 1986.

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2016

16. (with M. Nathan), *Philosophy of Molecular Medicine: Foundational Issues in Research and Practice*, Routledge, New York, forthcoming

2014

15. (with P. Maugeri) *Etica ai confini della biomedicina. Per una cittadinanza consapevole*, Mondadori Università, Milano 2014.

2012

14. (with I. Marino, H.R. Doyle) *Passaggi. Storia ed evoluzione del concetto di morte cerebrale*, Il Pensiero Scientifico, Roma 2012

2011

13. Dalle Medical Humanities alle Biomedical Humanities, *Paradigmi. Rivista di Critica Filosofica*, (guest editor) 1, 2011.

2008

12. (with S. Giaimo) *Filosofia e scienze della vita. Un'analisi dei fondamenti della biologia e della biomedicina*, Bruno Mondadori, Milano.

2006

11. (with G. De Anna) *Evolutionary Ethics and Contemporary Biology*, Cambridge University Press, Cambridge 2006.

10. *Laicità. Una geografia delle nostre radici*, Einaudi, Torino 2006.

2005

9. (with P. Budinich, M. Trobok) *Mathematics and Physics: an Interdisciplinary Approach*, Springer, Dordrecht 2005.

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8. (with M.L. Dalla Chiara, G. Giorello, C. Sinigaglia, S. Tagliagambe), *Filosofia della scienza*, Raffaello Cortina, Milano 2002.

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7. (with M. Dorato) *La legge di natura. Analisi storico-critica di un concetto*, McGraw-Hill, Milano 2001.

1998

6. J. von Neumann, *I fondamenti matematici della meccanica quantistica*, Il Poligrafo, Padova 1998.

5. (with E. Bellone) *Storia e filosofia della scienza. Un possibile scenario italiano*, Milano 1998.

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4. *Filosofia della fisica*, Bruno Mondadori, Milano 1997.

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3. H. Poincaré, *Opere epistemologiche*, Voll. I-II, Piovan Ed., Abano Terme (Padova), 1989. Vol. I: *Introduzione* (di G. Boniolo), *Nota bibliografica* (di G. Boniolo), *La scienza e l'ipotesi, Il valore della scienza*; Vol. II: *Scienza e metodo, Ultimi pensieri*.

1987

2. *Aspetti epistemologici dello spazio e del tempo*, Borla Ed., Roma 1987.

1. *Conoscenza scientifica e conoscenza non scientifica*, Piovan Ed., Abano Terme 1987.

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FORTHCOMING

(with A. Linkeviciute, V. Sanchini, F.A. Peccatori), Oocyte cryopreservation beyond cancer: tools for ethical reflection, *Journal of Assisted Reproduction and Genetics*, forthcoming

(with M. D'Agostino, M. Piazza, G. Pulcini), Adding Logic to the Toolbox of Molecular Biology", has been accepted for publication in *European Journal for the Philosophy of Science*, forthcoming

(with V. Sanchini, G. Bonizzi, M. Monturano, S. Pece, G. Viale, P.P. Di Fiore), Research Biobanks: Why Information And Information-Based Consents Are Not Enough, *Bioethics*, forthcoming

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(with G. Schiavone, M. Mameli), Moderate Epistocracy for Deliberative Bioethics, *Cambridge Quarterly of Healthcare Ethics*, 24(2015):1 – 9.

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(with F. Boem, Z. Pavelka), Stratification and biomedicine. How philosophy stems from medicine and biotechnology, in M. Bertolaso (ed.), *The Future of Scientific Practice: 'Bio-Techno-Logos'*, Pickering & Chatto, London, 2015, pp. 103-115.

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(with V. Sanchini, C. Nardini), The withholding/withdrawing distinction in the end-of-life debate (Editorial), *Multidisciplinary Respiratory Medicine*, 9(2014): 13; DOI: 10.1186/2049-6958-9-13.

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- (with M. Carrara) On Biological Identity, *Biology and Philosophy*, 19(2004): 443-457.
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- (con M.Dorato) Dalla relatività galileiana alla relatività generale, in G.Boniolo (a cura di), *Filosofia della fisica*, Bruno Mondadori, Milano 1997, 5- 167.
- On a unified theory of models and thought experiments in natural sciences, *International Studies in the Philosophy of Science*, 11(1997): 121-142.
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- Per una critica all'epistemologia anglosassone, *Sapienza*, 39(1986): 348-356.
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- Il principio d'equivalenza come anomalia e come principio euristico, *Epistemologia*, 7(1984): 253-278.
- Conseguenze non volute e terapia medica, *Medicina nei secoli*, 21(1984): 67-88.