

Telmo Pievani

CURRICULUM VITAE

Telmo Pievani, born in

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Positions

- October 2016: appointed Rector's Delegate for Institutional Communication and Science Communication, University of Padua;
- November 25, 2015: appointed Full Professor in Philosophy of Biological Sciences at the Department of Biology, University of Padua; the first Italian chair of this kind and the only one in a Department of Biology; as Full Professor he teaches also Bioethics for Biotechnologies and Science Communication;
- October 2015: appointed Rector's Delegate for Science Communication, University of Padua;
- December 2013: selected as candidate Full Professor in the Academic field of "Logic and Philosophy of Science";
- January 2013: appointed Director of the Museum of Anthropology, University of Padua, and chief of the Commission for the Museums at the Department of Biology;
- November 2012: appointed Associate Professor in Philosophy of Biological Sciences at the Department of Biology, University of Padua, where he teaches also Anthropology and Bioethics;
- September 2010 – September 2012: President elected of the Board of the Degree Course in Educational Sciences, Department of Human Sciences for Education "Riccardo Massa", University of Milan Bicocca;
- March 2008: confirmed position as Associate Professor in Philosophy of Science, Faculty of Educational Sciences, Department of Human Sciences for

Education “Riccardo Massa”, University of Milan Bicocca; teaching in the classes of Philosophy of Science, Epistemology, Genetic Epistemology;

- September 2007: appointed vice-President of the Board of the Degree Course in Educational Sciences, Department of Human Sciences for Education “Riccardo Massa”, University of Milan Bicocca;

- October 2006: appointed vice-director of the Department of Human Sciences for Education “Riccardo Massa”, University of Milan Bicocca;

- December, 2004: appointed Associate Professor in Philosophy of Science, Faculty of Educational Sciences, Department of Human Sciences for Education “Riccardo Massa”, University of Milan Bicocca; teaching in the classes of Philosophy of Science, Epistemology, Genetic Epistemology;

- February, 2001: appointed full-time researcher in Epistemology, Faculty of Educational Sciences, Department of Human Sciences for Education “Riccardo Massa”, University of Milan Bicocca;

- Academic Courses 2000-2001: teacher on annual contract in Epistemology, Faculty of Educational Sciences, Department of Human Sciences for Education “Riccardo Massa”, University of Milan Bicocca;

- February 2001: Ph.D. degree in “Man and Environment” at the University of Palermo, Faculty of Educational Sciences, with first class honours;

- Academic Courses 1998-2000: lecturer in Epistemology, Faculty of Educational Sciences, Department of Human Sciences for Education “Riccardo Massa”, University of Milan Bicocca;

- June, 1996: graduated in Philosophy of Science at the State University of Milan, with first class honours;

- 1984-1989: high school specializing in classical studies, Liceo Classico Statale Paolo Sarpi, Bergamo.

Fellowships, Societies and Scientific Boards

- Non-resident Fellow, 2007-today, and Full Fellow, since May 2016: Istituto Veneto di Scienze, Lettere ed Arti, Venice, Class of Natural and Physical Sciences.

- Non-resident Fellow, 2013-today: Accademia delle Scienze di Torino, Turin, Class of Sciences.
- Non-resident Fellow, 2014-today: Accademia Olimpica di Vicenza, Vicenza, Class of Science and Technique.
- Fellow and Steering Committee, 2009-today: Istituto Italiano di Antropologia (ISITA), Rome.
- Fellow, 2008-today, and Vice-President, 2015-today: Italian Society of Evolutionary Biology (ISEB)
- Fellow, 2007-today: Italian Society of Logics and Philosophy of Science (SILFS)
- Founder fellow, 2009-today: Italian Society of History, Philosophy and Social Studies of Biology and Medicine.
- Scientific Board and Ethical Committee, 2008-today: Umberto Veronesi Foundation for the Progress of Science, Milan.
- Fellow: Institut Charles Darwin International – Association “Pour Darwin” (Francia)

Editorial Boards and Referee

- Member of the Editorial Board: "Evolutionary Biology" (peer-reviewed, Springer)
- Member of the Editorial Board: "Evolution: Education and Outreach" (peer-reviewed, Springer)
- 2014-today: member of the Editorial Board of “Rendiconti Lincei per le Scienze Fisiche e Naturali”, Accademia dei Lincei, Rome.
- Member of the International Scientific Board, 2010-today: journal “Le Scienze” (Italian edition of *Scientific American*)
- Member of Steering Scientific Committee, 2013-today: “FOR – Rivista per la Formazione” (Milan)

- Member of Scientific Committee, 2012-today: “Rivista Italiana di Filosofia Analitica” (Rome)
- Member of the Editorial Board: "L'Indice dei Libri del Mese" (Turin)
- Advisory Board: “Rivista di Filosofia” (Il Mulino, Bologna)
- Referee for: *PLOS ONE*; *Biological Journal of the Linnean Society*; *Evolution: Education & Outreach*; *Annals of Geophysics*; *Biology & Philosophy*; *Springer Publisher*; *Rendiconti Lincei (scienze fisiche e naturali)*.

Science Communication and Education

- 2003-2010, Secretary of the Scientific Board: Genoa Science Festival (www.festivalscienza.it)
- 2006-2011, Scientific co-Director: Rome Festival of Sciences (Auditorium Parco della Musica, Rome)
- 2013-today, member of the Scientific Board: BergamoScienza (Bergamo).
- 2014-today, member of the International Scientific Board: MUSE – Museum of Sciences, Trento.
- 2005-today, Editor in chief: web scientific journal “Pikaia”, the Italian web magazine dedicated to evolution (www.pikaia.eu)
- 2009-today, Programme Committee: World Conferences “The Future of Science” (Venice, September), by Umberto Veronesi Foundation for the Progress of Science.
- 2011-today, Programme Committee: World Conferences “Science for Peace” (Milan), by Umberto Veronesi Foundation
- 2004-2012, Programme Committee: Darwin Day, Milan, Museum of Natural History
- Co-editor (with N. Eldredge): Encyclopaedia “Eco-sphere” (UTET, Turin, 2010)

- Co-curator (with Niles Eldredge and Ian Tattersall): International Exhibition “Darwin 1809-2009” (Rome Palace of Expositions, Milan, Bari, 2009-2010) (www.darwin2009.it)
- Co-curator (with Luigi Luca Cavalli Sforza): International Exhibition “*Homo sapiens*. The Great History of Human Diversity” (Rome PalaExpo – Trento - Novara, 2011-2013) (www.homosapiens.net)
- Curator of the permanent exhibition “Plants and humans”, in the Garden of Biodiversity, Historical Botanical Garden, University of Padua
- Co-curator (with B. Fantini, F. Rufo and S. Pimpinelli): International Exhibition “DNA. The great book of life from Mendel to genomics” (Rome Pala Expo, 2017)
- 2006, member of the Scientific Board of the exhibition: “La Scimmia Nuda” – The Naked Ape (Museo Tridentino di Scienze Naturali, Trento).
- 2015, scientific supervisor of the exhibition “Facce. I molti volti della storia umana” (Historical Botanical Garden, University of Padua)
- May 2018-today: Director of the web magazine “Il Bo LIVE”, University of Padua.

Current Researches

Telmo Pievani’s current main research interests are in the field of philosophy of evolutionary biology:

- Philosophy of Biology;
- History of ideas in biological thought;
- The Structure of Evolutionary Theory;
- Gradualism, adaptationism, reductionism, pluralism;
- Punctuated Equilibria Theory;
- Hierarchy Theory of Evolution;
- Multilevel selection;
- The concept of *exaptation*;
- Structuralism and functionalism in biology;
- Charles Darwin's work and logic of discovery: the Transmutation Notebooks 1836-1844

- Darwin's Heritage in XX and XXI Centuries;
- Stephen J. Gould's work and heritage;
- Philosophy of epigenetics;
- Nature and nurture problem;
- Human evolution (hominin phylogeny);
- The communication of science in evolutionary fields.

2012-today: member of the Ph.D. programme in Evolutionary Biology at the Department of Biology, University of Padua.

Funded research Projects

(2015-2017) Charged with the Coordination of the National Research Project titled "Extinction. An exhibition, a genetic database, and researches on the collections of extinct and endangered vertebrates in Italian natural history museums", funded by the Ministry of Research (period: 2015-2017) and based at the Department of Biology, University of Padua.

(2014-2016) Charged with the Coordination (with Niles Eldredge) of the International Research Project titled "Hierarchy Group: Approaching Complex Systems in Evolutionary Biology", funded by John Templeton Foundation (period: 2014-2016) and based at the Department of Biology, University of Padua. <http://hierarchygroup.com/>

(2008-2010) Charged with the Coordination of the National Research Project (PRIN 2007) titled "The Adaptive Behaviour of Biological Systems and Scientific Method: the Role of Formal and Material Models, Functional Explanations, Disciplinary Approaches and Unification" (period: 2008-2010). Units involved: University of Milan Bicocca; University of Milan; University of Padua; University of Naples "Federico II".