

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	GILBERTO ARTIOLI
Home Address	VIA LUIGI PELLIZZO 39, I-35128 PADOVA, ITALY
Work Address	DIPARTIMENTO DI GEOSCIENZE, UNIVERSITÀ DI PADOVA VIA GRADENIGO 6, I-35131 PADOVA, ITALY
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E-mail	gilberto.artioli@unipd.it
Nationality	Italy
Date of birth	03-february-1957

CAREER

2006 – to date	FULL PROFESSOR. UNIVERSITÀ DEGLI STUDI DI PADOVA, DIPARTIMENTO DI GEOSCIENZE
1999 - 2006	FULL PROFESSOR. UNIVERSITÀ DEGLI STUDI DI MILANO, DIPARTIMENTO DI SCIENZE DELLA TERRA
1992 - 1999	ASSOCIATE PROFESSOR. UNIVERSITÀ DEGLI STUDI DI MILANO, DIPARTIMENTO DI SCIENZE DELLA TERRA
1983 - 1999	RESEARCH ASSISTANT. UNIVERSITÀ DEGLI STUDI DI MODENA, ISTITUTO DI MINERALOGIA E PETROLOGIA
1994 - 1995	TECHNICAL COLLABORATOR. BROOKHAVEN NATIONAL LABORATORY, DEPARTMENT OF CHEMISTRY AND HIGH FLUX BEAM REACTOR
1988 - 1989	TECHNICAL COLLABORATOR. BROOKHAVEN NATIONAL LABORATORY, DEPARTMENT OF CHEMISTRY
1983 - 1985	TECHNICAL COLLABORATOR. BROOKHAVEN NATIONAL LABORATORY, DEPARTMENT OF CHEMISTRY AND NATIONAL SYNCHROTRON LIGHT SOURCE
1981 - 1985	RESEARCH ASSISTANT. THE UNIVERSITY OF CHICAGO, DEPARTMENT OF THE GEOPHYSICAL SCIENCES

HIGHER EDUCATION

• December 1985	"Doctor of Philosophy", The University of Chicago
• December 1980	"Laurea in Scienze Geologiche, cum laude", Università degli Studi di Modena

HONORS

• April 2015	Socio Nazionale. Accademia Nazionale delle Scienze detta dei XL
• April 2015	Socio Corrispondente. Accademia Galileiana di Scienze, Lettere ed Arti in Padova
• June 2014	International Prize Luigi Tartufari. Accademia Nazionale dei Lincei
• October 2013	Member. Academia Europaea
• March-August 2007	Conservation Guest Scholar, The Getty Conservation Institute, Los Angeles
• April 2005-June 2006	Visiting Scientist. CeSMEC Center for the Study of Matter at Extreme Conditions, FIU, Miami
• June 1998	Fellow. The Mineralogical Society of America
• June-December 1988	Grant for research abroad, Consiglio Nazionale delle Ricerche
• September 1986	Premio Ugo Panichi. Società Italiana di Mineralogia e Petrologia
• April 1984	Travel grant. Special Cultural Enrichment Fund, Institute for International Education
• October 1981-October 1982	Salisbury Fellowship. The University of Chicago, Division of the Physical Sciences
• September 1981	Fulbright Travel grant. Istituto per gli scambi culturali Italia-Stati Uniti

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
English, French

SCIENTIFIC AND ACADEMIC ACTIVITY

ACADEMIC TEACHING

UNIVERSITÀ DI PADOVA

2006-TO DATE

COURSE OF **CRYSTALLOGRAPHY - STRUCTURE OF SOLIDS**, CORSO DI LAUREA IN SCIENZE DEI MATERIALI

2006-TO DATE

COURSE OF **ENVIRONMENTAL MINERALOGY**, CORSO DI LAUREA IN SCIENZE E TECNOLOGIE PER L'AMBIENTE ED IL TERRITORIO

UNIVERSITÀ DI MILANO

2002-2007

COURSE OF **ANALYTICAL TECHNIQUES FOR CULTURAL HERITAGE**, CORSO DI LAUREA IN SCIENZE GEOLOGICHE

1998-2003

COURSE OF **APPLIED MINERALOGY**, CORSO DI LAUREA IN SCIENZE GEOLOGICHE

1996-2007

COURSE OF **CRYSTALLOGRAPHY**, CORSO DI LAUREA IN SCIENZE GEOLOGICHE

1992-1998

COURSE OF **MINERALOGY**, CORSO DI LAUREA IN CHIMICA E CHIMICA INDUSTRIALE

UNIVERSITÀ DI MODENA

1986-1992

TEACHING ASSISTANT, COURSE OF MINERALOGY, CORSI DI LAUREA IN SCIENZE GEOLOGICHE, CHIMICA E SCIENZE NATURALI

1984-1986

TEACHING ASSISTANT, COURSE OF PETROGRAPHY, CORSO DI LAUREA IN SCIENZE GEOLOGICHE

THE UNIVERSITY OF CHICAGO

- January - March 1983
- October - December 1982

TEACHING ASSISTANT, COURSE OF INTRODUCTION TO GEOLOGICAL SCIENCES

TEACHING ASSISTANT, COURSE OF PETROLOGY

TUTORING

1988-2015

TUTOR OF **>60** UNDEGRADUATE AND MASTER DISSERTATIONS

1994-2015

TUTOR OF **>20** PHD DISSERTATIONS

SCIENTIFIC PRESENTATIONS

INVITED LECTURES

>125 Invited lectures and seminars at Academic Institutions, Public Schools, and Cultural Institutes (List in **Annex 1**)

PRESENTATIONS AT SCIENTIFIC
CONFERENCES AND SCHOOLS

>350 Presentations and contributions to Scientific Conferences, Meetings, Workshops, and Schools (list in **Annex 2**)

SCIENTIFIC PUBLICATIONS

PUBLICATIONS IN PRINT

H-INDEX

>300 publications and books (List in **Annex 3**)

31 (ISI Web of Science – Accessed March 2015)(Researcher ID F-2149-2015)

H-INDEX

31 (Scopus – accessed February 2015)(Scopus Author ID 56582666300)

ORCID

<https://orcid.org/0000-0002-8693-7392?lang=en>

MANAGING, SERVICES

JANUARY 2015

Scientific responsible of the OpenLab Turkey initiative organized by UNESCO-IUCr-PANalytical-University of Bilkent, Ankara

2014-TO DATE

Chairman of the Commission on Crystallography in Art and Cultural Heritage (CrysAC) of the International Union of Crystallography (IUCr). <http://www.iucr.org/iucr/commissions/ccach>

JUNE 2014

Scientific responsible of the OpenLab Ghana initiative organized by UNESCO-IUCr-PANalytical-University of Ghana, Accra

OCTOBER 2013-MARCH 2014

Organizer of the CRISTALLI! Exhibition held on the occasion of the International Year of Crystallography 2014 promoted by UNESCO and IUCr

2011-2014

Consultant of the Commission on Crystallography in Art and Cultural Heritage (CrysAC) of the International Union of Crystallography (IUCr)

2010-TO DATE

Director of the Centro Interdipartimentale di Ricerca per lo "Studio dei materiali cementizi e dei

2010-TO DATE	leganti idraulici" (CIRCe) of the Università degli Studi di Padova
2010	Scientific responsible of the Museum of Mineralogy, Università di Padova
2008-TO DATE	Member of the Max Perutz ECA Prize Committee
2006-2009	Member of the CNR committee for the IUCr activities
2001-2002	Director of the Doctorate School on Earth Sciences, Dipartimento di Geoscienze, Università degli Studi di Padova
2000-2006	Member of the Science Advisory Committee, ESRF, Grenoble
1999-2002	Director of the Doctorate School on Earth Sciences, Dipartimento di Scienze della Terra, Università degli Studi di Milano
1998-2004	Member of the Crystallography panel for the evaluation of experiment proposals (Panel ISP-1) at ISIS, Rutherford Appleton Laboratory, Didcot, UK
1998-2004	Member and Vice-chairman of the European Powder Diffraction Conferences (EPDIC) Committee
1998-2004	Member of the Structure Commission of the International Zeolite Association (IZA)
1998-2003	Member of the Chemistry panel for the evaluation of experiment proposals at ESRF, Grenoble
1997-2000	Invited member of the International Centre for Diffraction Data (ICDD)
1995-1999	Member of the CNR <i>Commissione di studio per il coordinamento delle attività di radiazione di sincrotrone</i>
1995-1998	Member of the evaluation committee of experiment proposals at the GILDA beamline, ESRF, Grenoble
1995-1996	Member of the working group for the scientific case of the European Science Foundation concerning the European Spallation Source (ESS)
1993-1996	Member of the <i>International Committee on New Minerals and New Mineral Names: Subcommittee on Natural Zeolites, Chairman D.S. Coombs</i>
1992	Founding scientist of the Società Italiana di Luce di Sincrotrone

MAJOR GRANTS

2013-2015	National coordinator of the project COFIN2010-2011 "Mineral-biosphere interaction: consequences for the environment and human health"
2007-2017	Scientific responsible of the research agreement between Università di Padova e MAPEI S.p.a. on cement materials. 10 years project funded by MAPEI
2006-2009	Scientific coordinator of the project "Prehistoric pyrotechnology: insights on hominid behaviour from high resolution study of combustion features". Funded by EU (FP6-2005-Mobility-6) as Marie Curie International Outgoing Fellowship (OIF) in collaboration with Paul Goldberg (University of Boston)
2006	Scientific coordinator of the project "L'inizio della metallurgia nell'area alpina: studio analitico delle evidenze archeologiche dell'Italia del Nord". Progetto Galileo 2006/2007 , funded by the Università Italo-Francese in collaboration with David Bourgarit (C2RMF, Louvre, Paris)
2004-2006	National coordinator of the project COFIN2004 "Microstructure, morphology, and reactivity: modeling and measurement of crystallization and dissolution processes in minerals"
2002-2004	National coordinator of the project COFIN2002 "Mechanisms of surface reactions in minerals: kinetics of dissolution and growth, and their modeling"
2000-2002	National coordinator of the project COFIN2000 "Surface chemical reactions in minerals: intercalation and adsorption processes"

ORGANIZATION OF MEETINGS, WORKSHOPS, SCHOOLS

APRIL 2014	(<i>scientific organizer and chair of >50 sessions and symposia at national and international meetings in the period 1991-2015</i>)
NOVEMBER 2012	Main organizer of the 3 rd International Mortar Dating Workshop. Padova, 14-16 April 2014
FEBRUARY 2012	Organizer and chair of the Workshop on "Geopolymers: present and future", Mapei Auditorium, Milano, 16 november 2012
MARCH 2005	Organizer and Chairman of the PANalytical Workshop on "Advanced XRD applications", Bologna, 14 february 2012
JUNE 2004	Organizer of the International PANalytical Workshop on "Non ambient diffraction", Tirrenia
APRIL 2003	Co-organizer of the National GNM School on " <i>Proprietà ed applicazioni dei minerali alla nanoscala</i> "
	Co-organizer of the National AIC School on " <i>Meccanismi della crescita cristallina: fondamenti e applicazioni</i> "

JUNE 1996 Chairman and main organizer of the 5^a European Powder Diffraction Conference.
MARCH 1995 Co-organizer of the 4th National School on “*Diffrazione a raggi X su materiali policristallini*”, Gargnano, BS
SEPTEMBER 1991 Organizer of the 1st National school on “*Metodi avanzati di analisi diffrattometrica di campioni policristallini*”, Modena

EDITORIAL ACTIVITY

EDITOR 2013-to date. **Member of the Editorial Board of *PCA European Journal of Post-Classical Archaeologies***
2009-to date. **Managing Editor of *Archaeometry***
2009-to date. **Associate Editor of the *Journal of Archaeological and Anthropological Sciences***
2003-2009. **Member of the Advisory Board of *Archaeometry***
1996-to date. **Member of the International Advisory Board of *Materials Science Forum***
1995-1999. **Associate Editor of the *American Mineralogist***

REFeree

- *Acta Crystallographica B*
- *American Mineralogist*
- *Applied Physics A*
- *Archaeometry*
- *Associazione Italiana Archeometria*
- *Associazione Italiana Zeoliti*
- *Bulletin de Mineralogie*
- *Canadian Mineralogist*
- *Clays and Clay Minerals*
- *European Journal of Inorganic Chemistry*
- *European Journal of Mineralogy*
- *Geochimica and Cosmochimica Acta*
- *Journal of Applied Crystallography*
- *Journal of Archaeological Sciences*
- *Journal of Archaeological and Anthropological Sciences*
- *Journal of Inclusion Phenomena*
- *Journal of Physics and Chemistry of Solids*
- *Journal of Synchrotron Radiation*
- *The Journal of Physical Chemistry*
- *International Committee on Natural Zeolites*
- *Microporous and Mesoporous Materials*
- *Mineralogical Magazine*
- *Mineralogy and Petrology*
- *Nuovo Cimento*
- *Periodico di Mineralogia*
- *Physics and Chemistry of Minerals*
- *Physics Review Letters*
- *Zeitschrift für Kristallographie*

PROJECT REVIEWER

Progetti di Ricerca di Interesse Nazionale (PRIN) - Ministero per l'Istruzione, l'Università e la Ricerca (MIUR)
Valutazione dei prodotti e della qualità della ricerca (VQR)
Swiss National Science Foundation (SNSF)
ETH Zurich Research Commission
Leibniz Research and Cooperation Projects – The Leibniz Association, Bonn
Georgia National Science Foundation (GNSF)
Università di Torino (UNITO) – Compagnia di San Paolo
Università Italo-Francese (UIF) – Progetti Vinci