

CURRICULUM VITAE ALESSANDO PAVESE

- Born in Turin on 4/6/1964.

Career

1987 nov: Degree in Physics (110/110 cum laude and merit) with University of Turin.

1991/2 oct/apr: PhD in Mineralogy and Crystallography.

1992-2000: Junior/senior Researcher by the Earth Sciences Department of University of Milan (D03A then Geo/06).

2000-2005: Associate Professor (Geo/06-Mineralogy) by the Earth Sciences Department of University of Milan.

2005-2016 ago: Full Professor (Geo/06-Mineralogy) by the Earth Sciences Department of University of Milan.

2016 sept-: Full Professor (Geo/06-Mineralogy) by the Earth Sciences Department of University of Turin.

Academic services

2005-2012: Representative of the Earth Sciences Area in the Sciences Faculty of the University of Milan.

206-2012: Coordinator of the Mineralogy Section.

2004-2010: Member of the Earth Sciences Research board.

2012-2014: Head of the Earth Sciences Department of the University of Milan.

2014-2016 aug: Deputy-Head of the Earth Sciences Department of the University of Milan.

2016 sept-: Deputy-Head of the Earth Sciences Department of the University of Turin.

Other services

2006-2008: Member of the Neutron Diffraction Commission by ILL-laboratory. ILL-Committee 5A.

2003-2007: Representative of Earth Sciences by the Italian Society for Synchrotron Light (Società Italiana Luce di Sincrotrone).

2013-2015: Vice-President of the Italian Society of Mineralogy and Petrology (Società Italiana di Mineralogia e Petrologia-SIMP).

2016: President of the Italian Society of Mineralogy and Petrology (Società Italiana di Mineralogia e Petrologia-SIMP).

2015-: President of the Scientific Committee of Italian Gemmological Foundation (Fondazione Gemmologica Italiana).

Editorial roles

2005- : Associate Editor of European Journal of Mineralogy.

1995- : Referee of scientific articles, submitted to the most relevant journals of the Mineralogical international community.

Honours/Awards

1999: EMU (European Mineralogical Union) medal 1998-Research excellence.

Leader of research projects

2000- : Scientific responsible of more than 15 projects on the use of minerals in applications (industrial processes and trading) and on fundamental research, with Italian and foreign companies, and institutions (CNR, CESI, CARIPLO);

2000, 2004, 2006, 2008, 2010: Responsible of research unit for Research Projects of national interest (PRIN).

Didactic activity (since 1992)

1992-2016 aug: He taught Systematic Mineralogy, Minerals Laboratory, Mineral Physics, Mineralogy, Crystallography (University of Milan).

2016 sept-: He teaches Mineralogy and Crystallography with the University of Turin.

until 2016 aug: He was a member of the Earth Sciences Ph.D Committee of the University of Milan.

2016 sept-: He is a member of the Earth Sciences Ph.D Committee of the University of Turin.

Scientific activity

- He deals with phenomenology at non-ambient conditions (high temperature, high pressure, high pressure and temperature, special chemical conditions) of phase minerals, their assemblages and like, in case of processes both in natural environment and industrial context (ceramics, cement related materials). Such topics are being investigated by experimental techniques relying upon neutron/X-ray/Synchrotron radiation scattering (conventional laboratory and large-scale facilities). He develops predictive and phenomenological models to reconstruct the reactivity of complex systems, in manufacturing and in natural environment (even at lower-mantle conditions). Such research activity is proven by more than 120 publications in international journals.
- HI: 24
- Citations: > 2000
- PE10_10 Mineralogy, petrology, igneous petrology, metamorphic petrology
- PE10_11 Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics

Turin 26/04/2017



Alessandro Pavese