



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Giovanni Pratesi**
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E-mail g.pratesi@unifi.it
Nationality Italian
Date of birth 08.04.1963
Gender Male

Desired employment / Occupational field

Work experience

Dates	January 2013
Occupation or position held	Director of the Museum Network of the University of Firenze
Main activities and responsibilities	<ul style="list-style-type: none">- Providing the liaison between the museum's board and staff- Communicating goals, policies and strategies of the board- Protecting the interests of the museum's collections- Providing the leadership necessary to help the staff carry out the goals of individual departments
Name and address of employer	Università degli Studi di Firenze, Piazza San Marco 4 – 50121 Firenze, Italia
Type of business or sector	Education and Research
Dates	September 2004 – October 2012
Occupation or position held	President of the Natural History Museum – University of Firenze
Main activities and responsibilities	<ul style="list-style-type: none">- Representing the Museum- Chairing the Scientific Council and the Technical Advisory Committee- Performing general functions of coordination and promotion of the activities of the Museum
Name and address of employer	Università degli Studi di Firenze, Piazza San Marco 4 – 50121 Firenze, Italia
Type of business or sector	Education and Research
Dates	2005 - 2007
Occupation or position held	Coordinator of the national workgroup of the Museum Commission of CRUI-ICCD
Main activities and responsibilities	Defining cataloguing standards for naturalistic heritage
Name and address of employer	Conference of Italian University Rectors
Type of business or sector	Research

Dates 2005 - 2006
Occupation or position held Scientific expert in the National Commission for the Atmospheric Pollution Emergency
Main activities and responsibilities Supporting the political decision process
Name and address of employer ANCI (National Association of Italian Municipalities)
Type of business or sector Research

Dates March 2005 - September 2012
Occupation or position held Director of the Museo di Scienze Planetarie
Main activities and responsibilities - Directing the technical and administrative staff
- Overall managing of the museum
Name and address of employer Prato Ricerche Foundation
Type of business or sector Research

Dates 2002 onwards
Occupation or position held Researcher
Main activities and responsibilities - Researching in the mineralogical and planetological fields
Name and address of employer University of Firenze
Type of business or sector Research

Dates 1992 - 2004
Occupation or position held Director of the Istituto Geofisico Toscano
Main activities and responsibilities - Creating the Northern Apennines Seismic Network
- Managing the Northern Apennines Seismic Network
Name and address of employer Pro Verbo Foundation
Type of business or sector Research

Education and training

Dates 1996
Title of qualification awarded PhD
Principal subjects/occupational skills covered Thesis title: "Surface spectroscopies applied to the study of the alteration of bornite, chalcopyrite and pyrite". research that directly contributes to clarify the alteration processes.
Name and type of organisation providing education and training University of Firenze
Level in national or international classification ISCED 6

Dates 1991
Title of qualification awarded Bachelor of Science in Geology
Principal subjects/occupational skills covered Thesis title: "Variazioni composizionali e sistematica delle borniti"
Name and type of organisation providing education and training University of Firenze
Level in national or international classification ISCED 5

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

Self-assessment

European level ()***English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	C1	Proficient user	B1	Independent user	B2	Independent user	C1	Proficient user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Team work: I have worked in various types of teams from research teams to museum teams.

Organisational skills and competences

In the last two year I have co-organized the following congress:

- IX Conferenza del Colore, Firenze 19-20 Settembre 2013
- 5th Natural Silicate Glasses, Firenze 22-24 August 2013

In the last two year I have organized the following congress:

- CIGES 2012, III Convegno Italiano di Gemmologia Scientifica, 23-25 Settembre 2012
- ANMS 2012, XXII Congresso dell'Associazione Italiana Musei Scientifici, 14-16 Novembre 2012

Technical skills and competences

I have competences in mineralogy, planetary sciences and scientific museology.

Computer skills and competences

Competent to use most Microsoft Office programs as well as Origin; work experience in HyperText Markup Language.

Competent to perform analysis – using technical software – in the following fields: diffractometry, electron microscopy, Raman and FTIR spectroscopy.

BINDI L., CIPRIANI C., PRATESI G., TROSTI-FERRONI R. (2008) The role of isomorphous substitutions in natural selenides belonging to the pyrite group. *Journal of Alloys and Compounds*, 459, 553-556.

PRATESI G. (2008) Un paradigma di transizione tra passato e future: i Musei Scientifici di Firenze. *Arti e Mercature* 2, 170-177.

BINDI L., GARAVELLI A., PINTO D., PRATESI G., VURRO F. (2008) Ordered distribution of I and Cl in the low-temperature crystal structure of mutnovskite, $Pb_4As_2S_6I_2Cl_2$: An X-ray single-crystal study. *Journal of Solid State Chemistry*, 181, 306-312.

CALUSI S., COLOMBO E., GIUNTINI L., LO GIUDICE A., MANFREDOTTI C., MASSI M., PRATESI G., VITTONI E. (2008) The ionoluminescence apparatus at the LABEC external microbeam facility. *Nuclear Instruments and Methods B*, 266, 2306-2310.

GIULI G., EECKHOUT S.G., KOEBERL C., PRATESI G., PARIS E. (2008) Yellow impact glass from the K/T boundary at Beloc (Haiti): XANES determination of the Fe oxidation state and implications for formation conditions. *Meteoritics & Planetary Sciences*, 43, 981-986.

BINDI L., WELCH M.D., BONAZZI P., PRATESI G., MENCHETTI S. (2008) The crystal structure of seeligerite, $Pb_3IO_4Cl_3$, a rare Pb-I-oxychloride from the San Rafael mine, Sierra Gorda, Chile. *Mineralogical Magazine*, 72, 771-783.

PRATESI G. (2009) Impact Diamonds: Formation, Mineralogical Features and Cathodoluminescence Properties. In: Gucsik A. (ed.) *Cathodoluminescence and its Application in the Planetary Sciences*. Springer-Verlag, Berlin, pp. 61-86.

ZOPPI M., PRATESI G. (2009) Rietveld refinement of a natural cobaltian mansfieldite from synchrotron data. *Acta Cryst.*, E65, i6-i7.

PEZZOTTA, F., PRATESI, G. (2009) "Cristalli". *Sonderschau der Sammlung Adalberto Giazotto in Florenz. Lapis*, 34, 10.

MATASSONI L., PRATESI G., CENTIOLI D., CADONI F., MALESANI P., CARICCHIA A.M., DI MENNO DI BUCCHIANICO A. (2009) Saharan dust episodes in Italy: influence on PM10 daily limit value (DLV) exceedances and the related synoptic. *Journal of Environmental Monitoring*, 11, 1586-1594.

LO GIUDICE A., RE A., CALUSI S., GIUNTINI L., MASSI M., OLIVERO P., PRATESI G., ALBONICO M., CONZ E. (2009) Multitechnique characterization of lapis lazuli for provenance study. *Anal. Bioanal. Chem.* 395, 2211-2217.

BINDI L., PRATESI G., SPRY P.G. (2010) Crystallographic and chemical constraints on the nature of the proustite-pyrargyrite solid-solution series. *American Mineralogist* 95, 1725-1729.

GIULI G., EECKHOUT S.G., CICONI M.R., KOEBERL C., PRATESI G., PARIS E. (2010) Iron oxidation state and local structure in North American tektites. *Geological Society of America Special Papers* 465, 645-651, doi:10.1130/2010.2465(31)

GIULI G., PRATESI G., EECKHOUT S.G., KOEBERL C., PARIS E. (2010) Iron reduction in silicate glass produced during the 1945 nuclear test at the Trinity site (Alamogordo, New Mexico, USA). *Geological Society of America Special Papers* 465, 653-660, doi:10.1130/2010.2465(32)

MATASSONI L., PRATESI G., CENTIOLI D., CADONI F., LUCARELLI F., NAVA S. MALESANI P. (2011) Saharan dust contribution to PM10, PM2.5 and PM1 in urban and suburban areas of Rome: a comparison between single-particle SEM-EDS analysis and whole-sample PIXE analysis. *Journal of Environmental Monitoring* 13, 732-742. DOI: 10.1039/c0em00535e.

- RE A., LO GIUDICE A., ANGELICI D., PRATESI G. (2011) SEM-EDX and SEM-CL to Characterize Lapis Lazuli from Different Provenances. *Microscopy and Microanalysis* 17 (Suppl 2), 1806-1807.
- CAPORALI S., PAGLIAI M., PRATESI G., SCETTINO V. (2011) Surface-enhanced Raman scattering investigation of nucleobases adsorbed on samples of Martian analogue material. *Spectroscopy Letters* 44, 580-584.
- RE A., LO GIUDICE A., ANGELICI D., CALUSI S., GIUNTINI L., MASSI M., PRATESI G. (2011) Lapis lazuli provenance study by means of micro-PIXE. *Nuclear Instruments and Methods in Physics Research B* 269, 2373–2377.
- MATASSONI L., PRATESI G., CENTIOLI D. (2012) Comments on "Quantification of Saharan dust contribution to PM10 concentrations over Italy during 2003-2005". *Atmospheric Environment* 46, 680-681. doi:10.1016/j.atmosenv.2010.11.024
- PAGLIAI M., CAPORALI S., MUNIZ-MIRANDA M., PRATESI G., SCETTINO V. (2012) SERS, XPS, and DFT Study of Adenine Adsorption on Silver and Gold Surfaces. *Journal of Physical Chemistry Letters*, 3 (2), 242–245.
- ZOPPI M., PRATESI G. (2012) The dual behavior of the β -As₄S₄ altered by light. *American Mineralogist* 97, 890-896.
- CAPORALI S., MOGGI-CECCHI V., MUNIZ-MIRANDA M., PAGLIAI M., PRATESI G., SCETTINO V. (2012) SERS investigation of possible extraterrestrial life traces: Experimental adsorption of adenine on a Martian meteorite. *Meteoritics & Planetary Science* 47, Nr 5, 853–860. DOI: 10.1111/J.1945-5100.2012.01361.X
- FIASCHI A., MATASSONI L., PRATESI G., GARZONIO C.A., MALESANI P. (2012) Microtremor analysis of the Basilica of the Holy Sepulchre, Jerusalem. *Soil Dynamics and Earthquake Engineering* 41, 14–22. <http://dx.doi.org/10.1016/j.soildyn.2012.05.003>
- LO GIUDICE A., RE A., ANGELICI D., CALUSI S., GELLI N., GIUNTINI L., MASSI M. & PRATESI G. (2012) In-air broad beam ionoluminescence microscopy as a tool for rocks and stone artworks characterisation. *Analytical & Bioanalytical Chemistry* 404, 277–281.
- RE A., ANGELICI D., LO GIUDICE A., MAUPAS E., GIUNTINI L., CALUSI S., GELLI N., MASSI M., BORGHI A., GALLO L.M., PRATESI G., MANDO' P.A. (2013) New markers to identify the provenance of lapis lazuli: trace elements in pyrite by means of micro-PIXE. *Applied Physics A111*, 69-74. DOI:10.1007/s00339-013-7597-3.
- PEETERMANS S., GRAZZI F., SALVEMINI F., LEHMANN E.H., CAPORALI S. and PRATESI G. (2013) Energy-selective neutron imaging for morphological and phase analysis of iron–nickel meteorites. *Analyst* 138, 5303-5308. DOI: 10.1039/c3an00985h.
- CATELANI T., PRATESI G., ZOPPI M. (2013) Raman Characterization of Ambient Airborne Soot and Associated Mineral Phases. *Aerosol Science and Technology* DOI: 10.1080/02786826.2013.847270