

CURRICULUM CECILIA VITI

INGLESE

From 2005: Professor in Mineralogy, University of Siena.

2001-2005: Senior researcher, University of Siena.

1999-2001 : Research fellowships, University of Siena.

1996-1999: Post-doc positions.

1995: Registration to the Italian Association of Professional Geologists.

1991-1995: PhD at the Earth Sciences Dept. of Siena. Dissertation on: "I serpentini dell'Isola d'Elba". Advisor: Prof. M. Mellini.

1991: Collaboration with the Occupational Medicine Unit of Siena: study on asbestos-bearing environmental samples by SEM and TEM.

1990: Laurea cum laude, University of Siena. Thesis advisor: Prof. C. Ghezzi.

Main research topics

TEM investigations of natural and synthetic samples; serpentine minerals and serpentinization; asbestos, mineral dusts and atmospheric particulate; mineral reactions and micro/nanostructures of fault rocks.

Author of ~60 papers on international journals (among which American Mineralogist, Lithos, Contributions to Mineralogy and Petrology, Geology, Nature). Discovery of 4 new minerals (approved by IMA New Minerals and Mineral Names). Referee for Eur. J. Min., Am. Min., Can. Min., Annals of Occupational Hygiene, Journal of Structural Geology, Chemical Engineering Technology, Applied Clay Sciences, Tectonophysics.

<u>May 2013</u>	Papers	citations	H index
From SCOPUS	53	794	16
From Web of Knowledge	50	772	18
Without self-citations:		686	

Recent scientific collaborations

ETH Zurich, Swiss (S. Boutareaud); JAMSTEC Institute, Japan (T. Hirose); Durham University UK (N. De Paola, R. Holdsworth); Penn State University, USA (C. Marone); Dept. Geology Sciences, Idaho (M. Gunter); INGV Roma Italy (C. Collettini, B. Carpenter); CNR Pisa Italy (G. Di Vincenzo).

Previous fundings

FP7 ERC 2010 StG GLASS (60 months, team member); PRIN 2004 (24 months, Responsible of the Siena Unit Research); PAR Progetti Ateneo Siena 2002 (12 months, Principal Investigator); FIRB Progetti Autonomi 2001 (12 months, Principal Investigator).