

# CURRICULUM VITAE

**Massimo Chiaradia**

*Italian, born on the 09/09/1963 in Sacile  
(PN, Italy)  
Married with Bilge Acar  
3 children, Ilayda, Derya Andrea, Lara*



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## EDUCATION

- Ph.D. degree in Natural Sciences, Mineralogy (Dissertation *December 1992* on «The scheelite-skarn of Salanfe, Valais, Switzerland»), University of Fribourg, Switzerland.
- M.Sc. in Geological Sciences (University of Padova, Italy). *March 1988*
- Baccalaureath in Classical studies (Pordenone, Italy). *July 1982*

## FIELDS OF PROFESSIONAL EXPERTISE

### *Research*

- Isotope geochemistry (Pb, Sr, Nd, Cl) applied to ore deposits, magmatic processes, and environmental problems.
- Igneous petrology.
- Geochronology («stepwise leaching» Pb-Pb dating of sulfides, U-Pb dating of zircon and titanite, Re-Os dating of molybdenite).
- Developments in Pb isotope analyses of whole rocks.
- Geology of ore deposits.

### *Techniques*

- Pb-Pb, U-Pb, Rb-Sr, Lu-Hf, Sm-Nd, Re-Os and Cl isotope analyses by TIMS (MAT Finnigan 261, MAT Finnigan 262, Thermo-Finnigan TRITON, VG Micromass 30) and (LA-)MC-ICPMS (Neptune Plus and NU Instruments).
- Oxygen and carbon isotope analyses both by conventional method and by laser fluorination (MAT Finnigan 251).
- Mineral analysis by microprobe (Cameca SX-50, Jeol), LA-ICP-MS and X-ray diffractometers.

## CURRENT PROFESSIONAL POSITION

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- MER: responsible for the radiogenic isotope laboratory at the Department of Mineralogy, University of Geneva (Switzerland), for the new (LA-)MC-ICPMS (Neptune Plus) and for the Thermo Finnigan TRITON Mass Spectrometer. Teaching in various courses (Magmatic Petrology 1, General Geology, Isotope Geochemistry, Ore Deposits, from 1<sup>st</sup> year to 4<sup>th</sup> year students). *Since November 2004*

## PREVIOUS PROFESSIONAL EXPERIENCE

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- “Adjoint Scientifique 3”: responsible for the radiogenic isotope laboratory at the Department of Mineralogy, University of Geneva (Switzerland) and for the Thermo Finnigan TRITON Mass Spectrometer. Teaching in various courses (from 1<sup>st</sup> year to 4<sup>th</sup> year students). *November 2004-December 2011*
- Responsible for the radiogenic isotope laboratory at the School of Earth Sciences, University of Leeds (U.K.) (Research Fellowship). *July 2002 – October 2004*
- Senior Assistant (Maître Assistant) and responsible for the lead isotope laboratory at the Department of Mineralogy, University of Geneva, Switzerland. *February 1996 – June 2002*
- Invited scientist at the Max-Planck-Institut für Chemie, Abt. Geochemie. *November-December 1997*
- Post-doc, CSIRO/dEM, Commonwealth Scientific and Industry Research Organization, division of Exploration and Mining (Sydney, Australia). *June 1994 – December 1995*
- Doctoral and post-doctoral assistant, Institute of Mineralogy, University of Fribourg (Switzerland). *January 1990 - March 1994*
- Junior Researcher, Department of Mineralogy, University of Padova (Italy). *March - September 1988*

## LANGUAGES

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<i>Italian</i>	Mother language	<i>Turkish</i>	Basic
<i>English</i>	Excellent, written and spoken	<i>German</i>	Basic
<i>French</i>	Excellent, written and spoken		
<i>Spanish</i>	Excellent, spoken		

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