

# LEONARDO SAGNOTTI

**Date and Place of Birth:** Roma, January 27th, 1964

**Nationality:** Italian

**Academic Qualification:** *Laurea cum laude* in Geology (December 1987), “La Sapienza” University, Roma, Italy

## **Position Held:**

2003-present: Senior Principal Research Fellow (*Dirigente di Ricerca*) at INGV

2001-2003: Senior Scientist (*Primo Ricercatore*) at the Istituto Nazionale di Geofisica e Vulcanologia (INGV), Roma, Italy

1995-2000: Research Scientist, confirmed (*Ricercatore di ruolo*) at ING

1992-1995: Research Scientist, temporary (*Ricercatore a contratto*) according to art. 23 c/o ING

1990-1992: Fellowship for the set up of a paleomagnetic laboratory at the Istituto Nazionale di Geofisica (ING), Roma, Italy

## **Institutional Roles**

2016- : Director of the “Environment Department” of INGV

2001-July 2016: Responsible of the “Laboratory of Paleomagnetism” of INGV

## **Scientific activities:**

Paleomagnetism and rock magnetism: - Installation and management of a paleomagnetic laboratory;

- Application of paleomagnetism to geodynamics; - Development of original software for management of paleomagnetic data; - Integrated magnetostratigraphy of marine sequences; -

Magnetic mineralogy studies, with emphasis on the influence on the paleomagnetic record;

Magnetic anisotropy (susceptibility and remanence) studies, with emphasis on the applications to geodynamics; - Environmental magnetism studies: rock magnetic signatures of paleoenvironmental

changes; - Environmental magnetism studies: application to the study of air pollution

**Publications** (as for 10<sup>th</sup> December, 2016):

152 scientific papers; - 241 published abstracts.

**Bibliometric indices** (as for 10<sup>th</sup> December, 2016)

ISI web of Knowledge: 81 documents; sum of total citations: 2281; h-index: 29

Scopus: 107 documents; sum of total citations: 2873; h-index: 31

Google scholar: 228 documents; sum of total citations: 3514; h-index: 33; i10-index: 70

## **Participation in funded national and international research projects:**

Participant researcher to 9 funded research projects

Participant with coordination responsibilities to 11 funded research projects

## **Teaching experience:**

Cycles of lessons on paleomagnetism and rock magnetism for the “Terrestrial Physics” courses of the Faculty of Geological Sciences of the University of Roma Tre, Rome (Academic years 1993/1994 – 1994/1995 – 1996/1997 – 1997/1998 – 1998/1999 – 1999/2000 – 2000/2001 –

2001/2002 – 2002/2003 – 2003/2004) and for “Geomagnetism” course of the faculty of Physics of the University of L’Aquila (Academic year 1996/1997).  
Cycle of lessons on paleomagnetism and rock magnetism for the XVI-XXIX cycles of PhD courses in Geophysics (2001-2014).

### **Honours/distinctions/membership of societies, institutions, committees**

Member of three Italian Antarctic Expeditions – Cape Roberts Project (1997/1998, 1998/1999 and 1999/2000);  
Member of the Editorial Staff of the “Quaderni di Geofisica”, edited by the Istituto Nazionale di Geofisica e Vulcanologia (1998-2007).  
Member of the Editorial Staff of the Istituto Nazionale di Geofisica e Vulcanologia (1998-2007).  
Member of the Scientific Measurement Panel (SciMP) of the Ocean Drilling Program (ODP), as the European Science Foundation Consortium for Oceanic Drilling (ECOD) delegate, for the period 2001-2003.  
Member of the *interim* Scientific Measurement Panel (iSciMP) of the Integrated Ocean Drilling Program (IODP), as the European Science Foundation Consortium for Oceanic Drilling (ECOD) delegate, for the period 2001-2003.  
Member of the ANDRILL Scientific Measurement Panel (ASMP) 2004-2009.  
Member of the Italian Reference Group for the participation to IODP, named as “IODP-Italia”, 2003-2007.  
Vice-president of the national Committee for the activity of Italy within ECORD\_IODP, 2008-2013  
Scientist in charge for the INGV of the “Interlaboratory Antarctic System” of the Italian National Programme of Research in Antarctica.  
Member of the Board of Directors of the CRATI scrl (*Consorzio per la ricerca e le applicazioni di tecnologie innovative*), 2015- July 2016;  
Officer of the European Geophysical Society 2000 – 2001 (Solid Earth Geophysics; Palaeomagnetism & Rock Magnetism)  
Officer of the European Geophysical Union 2002 – 2005 (Division on “*Magnetism, Palaeomagnetism & Rock Physics*”, Secretary of the Session 7. “*Paleomagnetism – Geodynamics*”)  
Co-chair of the working group 6 (Analytical and experimental laboratories) in the framework of the EU project EPOS (European Plate Observing System) (since 2010)  
Co-convenor to scientific sessions of 11 international geoscience congresses  
Director of the 20<sup>th</sup> Symposium of the International School of Solid Earth Geophysics: “*Fundamental Rock Magnetism and Environmental Applications*”, Erice, “Ettore Majorana” Foundation and Centre for Scientific Culture, June 26- July 1, 2002.

### **Reviewer for the following scientific funding agencies:**

1. *Agence Nationale de la Recherche - France*
2. *ANVUR - Agenzia Nazionale per la Valutazione del sistema Universitario e della Ricerca - Italy*
3. *Deutsche Forschungsgemeinschaft (German Research Foundation) - Germany*
4. *FCT- Fundação para a Ciência e a Tecnologia (Portuguese Foundation for Science and Technology) - Portugal*
5. *Fonds Wetenschappelijk Onderzoek (Foundation for scientific research Belgium) – Belgium*
6. *GACR (Grantová agentura České republiky) – Czech Republic*
7. *Israel Science Foundation - China Israel Research Program (CIRP)*
8. *SNSF Swiss National Science Foundation - Switzerland*

9. *National Science Fundation -USA*
10. *FWF Austria Science Fund*

**Reviewer for the following scientific journals**

1. *AAPG Bulletin*
2. *Acta Vulcanologica*
3. *AGU- Monograph Series*
4. *Annali di Geofisica*
5. *Atmospheric Environment*
6. *Chemical Geology*
7. *Earth and Planetary Science Letters*
8. *Environmental pollution*
9. *Environmental Science and Pollution Research*
10. *Environmental Science & Technology*
11. *Frontiers in Earth Science*
12. *Geochemistry, Geophysics and Geosystems*
13. *Geological Society of London, Special Volumes*
14. *Geology*
15. *Geo-Marine Letters*
16. *Geophysical Journal International*
17. *Geophysical Research Letters*
18. *Global and Planetary Change*
19. *Journal of Applied Geophysics*
20. *Journal of Environmental Management*
21. *Journal of Quaternary Science*
22. *Palaeogeography, Palaeoclimatology, Palaeoecology*
23. *Physics and Chemistry of the Earth*
24. *Physics of the Earth and Planetary Interiors*
25. *Proceedings of Ocean Drilling Program*
26. *Quaderni di Geofisica*
27. *Reviews of Geophysics*
28. *Royal Society of Chemistry Advances*
29. *Science*
30. *Science of the Total Environment*
31. *Sedimentary Geology*
32. *Studia Geophysica et Geodaetica*
33. *Tectonophysics*
34. *Terra Antarctica*
35. *The Royal Society (UK)*
36. *Water, Air, & Soil Pollution*

- **Awards** National Science Foundation (NSF): “Antarctica Service Medal of the United States of America for service in Antarctica, in recognition of valuable contributions to exploration and Scientific achievement under the U.S. Antarctic Research Program”.