

CURRICULUM VITAE

FORMATO EUROPEO/EUROPEAN FORMAT

INFORMAZIONI PERSONALI/ PERSONAL INFORMATION

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| Nome, Cognome/Name, Surname | Roberto Udisti |
| Indirizzo/Address | Dept. of Chemistry – University of Florence |
| Via, numero civico, c.a.p., città, nazione/ House number, street name, postcode, city, country | Via della Lastruccia, 3 50019 Sesto Fiorentino – Florence - Italy |
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| Sito web/Website | |
| Nazionalità/Nationality | Italy |
| Luogo e data di nascita/ Place and Date of birth | Florence (Italy) 09 July 1952 |

ESPERIENZA PROFESSIONALE /WORK EXPERIENCE

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| In ordine di data /Dates (from – to) | since 1998 Professor in Analytical Chemistry |
| | from 1994 to 1998 Researcher in Analytical Chemistry |
| | from 1984 to 1994 Graduate -Technician in Analytical Chemistry |
| [Iniziare con le più recenti ed elencare separatamente ciascun incarico ricoperto/ Add separate entries for each relevant post occupied, starting with the most recent.] | from 1979 to 1984 High-School Professor |

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| Nome e indirizzo del datore di lavoro / Name and address of employer | University of Florence – Chemistry Department |
| Tipo o settore di attività / Type of business or sector | Analytical Chemistry Section |
| Funzione o posto occupato / Occupation or position held | Professor |
| Principali mansioni e responsabilità / Main activities and responsibilities | Research Group Leader |

**ISTRUZIONE E FORMAZIONE /
EDUCATION AND TRAINING**

Nome e tipo d'istituto di istruzione o
formazione / Name and type of
organisation providing education and
training

Principali materie e competenze
professionali apprese / Principal
subjects occupational skills covered

Degree in Chemistry on 1977.
Dept. of Chemistry – University of Florence

Analytical Chemistry
Environmental processes

**ATTIVITA' DI RICERCA /
RESEARCH ACTIVITIES**

Attuali campi di ricerca / Research
sectors

Snow and ice chemical characterization

Reconstruction of past climatic and environmental changes by stratigraphies of chemical markers along ice cores and sediment core drilled in Antarctica

Atmospheric chemistry

Study of sources, trasport pathways and depositional and post-depositional processes of present aerosol in anthropized (Mediterranean Basin), marine and polar regions, including marine high latitude areas (North Atlantic, Antarctic Peninsula), Antarctica (Mario Zucchelli Station, Station Concordia) and the Arctic (Ny Alesund, Svalbard Islands; Thule, Greenland)

Development and optimization of analytical methods for environmental matrices:
Ion Chromatography methods
ICP-AES and ICP-MS methods
Flow Injection Analysis methods

PRIN 2007. Project 2007L8Y4NB. Dirigibile Italia: a platform for the multidisciplinary study of the climate change in the Arctic and of their impact on the middle-latitude areas. Sep 2008 – Sep 2010. National Coordinator.

PRIN 2009. Project 20092C7KRC. ARCTICA: ARCTic research on the Inter-connections between Climate and Atmosphere. Sep 2011-Sep 2013. National Coordinator.

TALDICE - Talos Dome Ice core (<http://www.taldice.org/>). 2008 – 2013. Principal Investigator for the Chemistry Consortium.

Joint PNRA-IPEV project CONCORDIA AIR-GlaCS - Aerosol studies ad Station Concordia, Dome C, Antarctica: "Present day sources, transport and air-to-snow interactions of atmospheric gases and aerosols at Dome C (Antarctica) and implications for ice core studies". 2008-2011. Principal Investigator.

Project PNRA 2009/A2.21 PRIDE: Paleoclimatic record from Antarctic ice cores. 2009-2013. Principal Investigator.

EPICA - European Project for Ice Coring in Antarctica. EU, ENV4-CT95-0074 (1996-1999). Member.

EPICA II- European Project for Ice Coring in Antarctica. EU, ENV4-CT98-00702 (Feb 1999- Mag 2001). Member.

EPICA III- European Project for Ice Coring in Antarctica. EU, EVK2-CT-2000-0077 (May 2001 -May 2004. Member.

EPICA MIS - European Project for Ice Coring in Antarctica- Marine Isotope Stage. EU FP6, project 003868 (GOCE) EPICA MIS. Dec 2004 - May 2008. Member.

ANDRILL-MIS - Antarctic Geological drilling - McMurdo Ice Shelf (<http://www.andrill.org/static/index.html>). 2007 – 2010. Member.

HOLOCLIP - Holocene Climate Variability at High-Southern Latitudes: an integrated Perspective. ESF (<http://www.esf.org/research-areas/polar-sciences/polarclimate.html>). 2009 – 2012. Member.

Life+ 2011 AIRUSE - Testing and development of air quality mitigation measures in Southern Europe. 2011-2014. Member.

Italian Flag-Project RITMARE - MIUR. 2011-2016. Member.

Principal Investigator or Member in several Italian Antarctic Projects (PNRA – Italian Project for Research in Antarctica) in the fields of Glaciology, Atmospheric Chemistry and Bio-Geo-Chemical Cycles of Natural and Anthropic substances. since 1986 to present.

253 Scientific publications (among them 155 peer-reviewed papers and 75 book chapters)– See publication list in a separed file.

593 Meeting Communications

h index = 28

Total Number of Citations: 4100

Cumulative IF = 410