

CURRICULUM VITAE *Lucilla Capotondi*

Education

- 1989-1991 Ph.D in Earth Sciences, University of Parma, Italy,
- 1987-1990 Studies in stable isotope geochemistry at the Laboratoire d'Océanographie Dynamique et de Climatologie (LODYC), CNRS-Paris (FRANCE)
- 1986 Degree (*Laurea*) in Geological Sciences, Department of Geology and Paleontology University of Bologna, Italy,

Keywords

Foraminiferal analysis, Neogene bio-chronostratigraphy, geochemistry, marine geology, paleoceanography.

Research Interests

Lucilla Capotondi has been working in the field of biostratigraphy, paleoceanography and paleoclimate using foraminifera (quantitative study and geochemical analysis). Most of her research was performed on marine sediments from Mediterranean Sea, Atlantic Ocean and Antarctica (programs financed by CEE, CNR, INGV, MIUR, PNRA).

Major Research topics: 1) Neogene bio-chronostratigraphy; 2) Late Quaternary high-frequency climatic cycles; 3) Paleoenvironmental reconstruction during sapropels deposition in the Mediterranean sea; 4) biogeochemical and ecological role of Foraminifera in marine ecosystems; 5) foraminifera and environmental quality; 6) particulate fluxes in the Antarctic sea.

She is involved in several science outreach activities (Project manager, scholar teacher and citizen science promoter).

Seagoing experience: Adriatic Sea; Northern Tyrrhenian Sea and Marmara Sea.

Responsibilities (ongoing)

- Member of the Italian Long Term Ecological Research Network Cordination Committee
- Italian Association of Quaternary (AIQUA) Auditor
- Advisory Board Member for the oceanographic expeditions proposal evaluation (CNR vessels)
- Optical Microscopy Laboratory Coordinator at ISMAR
- Member of Scientific Dissemination Committee at the Research Area CNR-INAF Bologna

Association

Member of the Italian Association of Quaternary (AIQUA)

Member of Long Long Term Ecological Research (LTER)

Member of [Italian Association for Sedimentary Geology](#) (GEOSED)

Member of paleonet@ucmp1.berkeley.edu

Member of Euresis - Associazione per la promozione e lo sviluppo della cultura Scientifica

Reviewer

Palaeo3

Marine Micropalaeontology

Global and Planetary Change

Open Geosciences

Journal of Marine Science

Marine Geology

Rivista Italiana di Paleontologia e Stratigrafia

Congress organization (last 5 years)

2013 - Convener and Chairman session “Climate and Paleoclimate”- AIQUA Congress “L’ambiente marino costiero del mediterraneo oggi e nel recente passato geologico”. Napoli 19-21 June 2013

2012 - Convener and Chairman session GS5 “Sapropels, black shales e OAEs.” Sedimentary and Biological Processes” - 86° Italian Geological Society - Arcavacata di Rende (CS), 18-20 September 2012

2012 - Convener and Chairman session: *Marine proxy records* AIQUA Congress – “The transition from natural to anthropogenic-dominated environmental change in Italy and the surrounding regions since the Neolithic”. Pisa 15-17 February 2012

2011 - Convener and Chairman session: “Science Education for Responsible Citizenship”. Session U3. Geoitalia CONGRESS - VIII Forum Italiano di Scienze della Terra. Torino, 19 - 23 September 2011.

2010 - Invited Chairman session “Stratigrafia integrata del Quaternario marino”. AIQUA Congress “*Marine-continental correlations in the Quaternary*”, Bari 25-26 February 2010

Projects (last 5 years)

Coordination

2012 - 2016 – P.I of task SP6 WP2 AZ1 U02 of National Research Program RITMARE -. MIUR founding. Coord. Fabio Trincardi

2012 - 2015 – Italian P.I of “*Reconstructing the evolution and dynamics of the Antarctic cryosphere from Ocean Drilling; a dinoflagellate perspective*”. Netherlands Organisation for Scientific Research Resp. Francesca Sangiorgi and Henk Brinkhuis (Utrecht University).

2010 – Coordinator of: Curiosity Project “ Spropels S1 and S5: archives of climatic variability induced by monsoon regime”. - Proposta di Ricerca Spontanea a Tema Libero.

Partecipation

01/05/2014 - today: Project: “Dinamica sedimentaria passata ed attuale nel Mare di Ross: un approccio multidisciplinare allo studio della scarpata continentale - ROSSLOPEII”. PNRA (rif. PdR 2013/AN2.01). Resp. Ester Colizza (Univ.Trieste).

02/01/2012 - today: National Project of interest “NextData – A national system for the retrieval, storage, access and diffusion of environmental and climate data from mountain and marine area”. (www.nextdataport.it)-WP1.5: Paleoclimatic data from marine sediments archives. Coord. A. Provenzale (CNR- ISAC).

1/01/2006 - today: Project “*International Long Term Ecological Research Network -La Rete Italiana per le Ricerche Ecologiche di Lungo Termine (LTER-)*”. Coord.G. Matteucci (IBAF)..

15 /09/ 2011 - 13/02/ 2014: Project “Dinamica sedimentaria passata ed attuale nel Mare di Ross: un approccio multidisciplinare allo studio della scarpata continentale - ROSSLOPE”. PNRA founding. Resp. Ester Colizza (Univ.Trieste)

01.01.2011 - 31-12-2013: Project “**Science Teaching European Network for Creativity and Innovation in Learning - STENCIL**”, project No. 510177-2010-LLP-IT-Comenius-CNW, e Lifelong Learning programme. Res. Amitie

1/01/2010 - 31/12/2013: Project “ Environmental quality and pressures assessment across Europe: the LTER network as an integrated and shared system for ecosystem monitoring - ENVEUROPE”. Life Environment Project LIFE08 ENV/IT/000339. Resp. A. Pugnetti.

1/12/2009 - 30/9/2010: Project “Integrated observations from near shore sources of tsunamis: towards and early warning system -(NEAREST” (<http://nearest.bo.ismar.cnr.it>). EU Project -

Program FP 6. Resp . N. Zitellini (ISMAR).