

Stefano Schiaparelli

Associate Professor

EDUCATION

1996

Bachelor's Degree in Biological Sciences, Ecology

University of Genoa

2001

PhD in Environmental Sciences (Marine Sciences)

University of Genoa

ACADEMIC EXPERIENCE

1997

Qualification to the profession of Biologist

University of Genoa

2000-2001

Research grant

Antifouling in industrial plants with heat exchangers

Polytechnic University of Marche

2001-2005

Research grant

Evaluation of the biocarbonate balance in the Mediterranean and Antarctica

University of Genoa

2005

Scholarship (Contract COX0219)

Biodiversity of New Zealand Aquatic Environments

NIWA (National Institute of Water and Atmospheric Research), Wellington, New Zealand

2006-2008

Research grant

Structure and dynamics of benthic communities in the Ross Sea

University of Genoa

2008

Contratto di Ricerca

Reorganization-cataloguing of the collections in the National Museum of Antarctica

University of Genoa

2008-2017

Assistant Professor (BIO/07 Ecology)

University of Genoa

2017-presente

Associate Professor (BIOS-03/A Zoology)

University of Genoa

ACADEMIC POSITIONS

2011-2013

Responsible for Additional Educational Obligations (OFA)

University of Genoa

2014-2016

Head of Incoming Orientation within the CCS of Environmental and Natural Sciences

University of Genoa

2017-2020

Representative of the University of Genoa in the Scientific and Planning Council of the Interuniversity Center National Museum of Antarctica (MNA)

University of Genoa

2017-presente

Director of the National Museum of Antarctica (Sede di Genova)

University of Genoa

2017-2020

Member of the Teaching Board of the PhD in Science and Technology for the Environment and the Territory (STAT, DOT1311038)

University of Genoa

2020-presente

Member of the Teaching Board of the PhD in Marine Science and Technology (DOT19H2H7)

University of Genoa

2020-2023

Representative of the University of Genoa in the Scientific and Planning Council of the Interuniversity Center National Museum of Antarctica (MNA)

University of Genoa

2020-2022

Rector's Delegate for the enhancement of museums and libraries

University of Genoa

2020-presente

Member of the University's interdisciplinary evaluation expert group for technology transfer and third mission activities (GEV TT-TM)

University of Genoa

2022-2024

Rector's Delegate for the enhancement of museums and archives
University of Genoa

2023-presente

Member of the Teaching Board of the Doctorate of National Interest in Polar Sciences (DOT19A4WE4)

"Ca' Foscari" University, Venice

2023-presente

Member of the University Contribution Evaluation Committee

University of Genoa

2024-presente

Member of the University's Third Mission Commission

University of Genoa

2024-presente

Coordinator of the Biological Sciences curriculum within the PhD of National Interest in Polar Sciences

"Ca' Foscari" University, Venice

2025

Delegate for the enhancement of museums and archives and for the monitoring of the evaluation of the quality of the third mission

University of Genoa

TITOLI

PRINCIPALI SEMINARI

2005 "Methods in biogeographic analysis: the Mediterranean molluscs"

Invited talk at the "Malacological Society of London Scientific meeting: Marine Biogeography"
British Antarctic Survey, Cambridge, UK

2007 "Diversity of partnerships among Antarctic benthic invertebrates"

Invited talk at the "CAML Scientific Steering Committee and Invited Experts"
Bialowieza, Polonia

2008 "Latitudinal Gradients Workshop"

Invited report
British Antarctic Survey, Cambridge, UK

2010 "CAML: the Census of Antarctic Marine Life"

Invited talk at "The J. Frederick Grassle Science Symposium on the Census of Marine Life (CoML)"
The Royal Society, London

2011 "Current research on marine Mediterranean biodiversity in Italy"

Invited talk during BioDivMex Workshop, Chantier MISTRALS
Marseille, Francia

2012 “Ecology of Terra Nova Bay benthos”

Invited talk

KOPRI (Korean Polar Research Institute), Incheon, Seoul

2021 “The contribution of the Italian National Antarctic Museum to Marine Biology”

Invited talk

Seminar on Marine Sciences cooperation. Italo-Chilean cooperation. Ministry of Foreign Affairs and International Cooperation, DIRANTARCTICA Ministerio de Relaciones Exteriores Gobierno de Chile, INACH and PNRA.

RESPONSABILITÀ SCIENTIFICA PER PROGETTI DI RICERCA INTERNAZIONALI E NAZIONALI, AMMESSI AL FINANZIAMENTO SULLA BASE DI BANDI COMPETITIVI CHE PREVEDANO LA REVISIONE TRA PARI

2011-2013 Coordinator of the project “Barcoding of Antarctic Marine Biodiversity (BAMBi)” (PNRA 2010/A1.10) (08-2011/8-2013)

Programma nazionale di Ricerche in Antartide (PNRA) (MUR)

2014-2016 Coordinator of the OU University of Genoa in the project “stable ISOTOPE and molecular markers for the reconstruction of Antarctic trophic webs under the sea-ice influence: evaluation of robustness to BIODIVERSITY loss and heavy metals bioaccumulation-neuroTOXicity (ISOBIOToX)” (PNRA 2013/AZ1.15)

Programma nazionale di Ricerche in Antartide (PNRA) (MUR)

2014-2016 Coordinator of the project “Analysis of Antarctic benthos dynamics by using non-destructive monitoring devices and permanent stations (ICE-LAPSE)” (PNRA 2013/AZ1.16)

Programma nazionale di Ricerche in Antartide (PNRA) (MUR)

2017-2019 Coordinator of the project “Terra Nova Bay barCODing and mEtabarcoding of Antarctic organisms from marine and limno-terrestrial environments (TNB-CODE)” (PNRA 16_00120)

Programma nazionale di Ricerche in Antartide (PNRA) (MUR)

2020 Coordinator of the OU University of Genoa in the project “Ross Sea Benthic Monitoring Program: new non-destructive and machine-learning approaches for the analysis of benthos patterns and dynamics (RosS-BMP)” (PNRA 18_00263)

Programma nazionale di Ricerche in Antartide (PNRA) (MUR)

2020-2023 Coordinator of the OU University of Genoa in the project “Ross Sea biodiversity Monitoring through barcoding, metabarcODing and e-DNA” (RosS-MODE) (PI Prof. Ficetola F.) (PNRA 18_00078)

Programma nazionale di Ricerche in Antartide (PNRA) (MUR)

2021-2024 Coordinator of the project “Università degli Studi di Genova per la Cultura Scientifica (Unige-CS) – ricognizione sistematica, digitalizzazione e diffusione dei Beni Culturali dell'Ateneo genovese” (ACPR20_00227). “Accordi di programma” Fondi D.D. 2109 del 25/08/2021.

Ministero dell'Università e della Ricerca (MUR)

DIREZIONE O PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE, COLLANE EDITORIALI, ENCICLOPEDIE E TRATTATI DI RICONOSCIUTO PRESTIGIO

In corso

Scientific review activities for international journals:

Antarctic Science, Applied Physics A, Biodiversity Data Journal, Biological Journal of the Linnean Society, CCAMLR Science, Contributions to Zoology, Deep-Sea Research II, Diversity, Diversity and Distribution, Ecological Informatics, Hydrobiologia, Journal of Coastal Research, Journal of the Marine Biological Association UK, Journal of Molluscan Studies, Malacologia, Marine Biodiversity, Marine Biology, Marine Ecology Progress Series, Mediterranean Marine Science, Pacific Science, PeerJ, PlosONE, Polar Biology, Polar Research, Rendiconti Lincei, Scientific Reports, Zookeys, Zootaxa, Zoosystema, Zoological Journal of the Linnean Society.

2003-2010 Ecology Editor for the Malacological Bulletin

2003-2007 Scientific Director of the Malacological Bulletin, national journal of the Italian Society of Malacology (SIM)

2004-2006 Scientific Director of the Malacological Bulletin, national journal of the Italian Society of Malacology S.I.B.M. e Divisione V (Biodiversità) del MiATT

2006-oggi Taxonomic Editor per i Gastropoda (Mollusca) nell'ambito dello SCAR-MarBIN

2007 Editor of the volume of the Malacological Bulletin relating to the "IV Congresso internazionale delle Società Malacologiche Europee" [Bollettino Malacologico XLIII (1-8) 2007]

2009 Guest Editor for the special volume of Deep Sea Research II dedicated to the "CAML final Symposium" [Deep Sea Research II (Vol 58, 1-2)]

2015 Guest Editor for the special volume of Hydrobiology "Biology of the Ross Sea and surrounding areas in Antarctica" [Hydrobiologia (2015) 761:143-159]

2017 - today Associate Editor of Hydrobiology

2020 – oggi Editorial Board Member di Diversity

2022 Guest Editor for the special volume of Diversity "Biodiversity of the Ross Sea Region Marine Protected Area (Antarctica)"

2023 Guest Editor for the special volume of Diversity "The Ligurian Sea and the National Biodiversity Future Centre (NBFC): Biodiversity Conservation in a Temperate Marine Environment under Threat"

PREMI E RICONOSCIMENTI PER L'ATTIVITÀ SCIENTIFICA, INCLUSA L'AFFILIAZIONE AD ACCADEMIE DI RICONOSCIUTO PRESTIGIO NEL SETTORE

2025

APECS Mentorship Award

Award given to mentors of Early Career Researchers (ECRs) for their activities to support research and build their academic careers in polar research

APECS – Association of Polar Early Career Scientists

2010 National patent (RM2010A000372): "Method for the preparation and the use of biocides enriched in active radicals before usage" (Inventori: Buccolini M, Cesari M, Schiaparelli S)

2012 International patent (WO2012004772): "Method for the preparation and the use of biocides enriched in active radicals before usage" (Inventori: Buccolini M, Cesari M, Schiaparelli S)

ALTRI TITOLI

2005-2010 International patent (CAML)

2006-2020 Member of SCAR-MarBIN (Scientific Committee on Antarctic Research – Marine Biodiversity International Network)

2006-oggi Taxonomic Editor for Gastropoda, Bivalvia and Monoplacophora in the framework of SCAR-MarBIN and ANTABIF (www.scarmarbin.be/rams.php?p=editors)

2009 Invited expert to the workshop "Vulnerable Marine Ecosystems" organizzato dal CCAMLR (Commission for the Conservation of Antarctic Marine Living Resources)

2010 Cofounder of the project 'Antarctic Field Guides' per l'ANTABIF (Antarctic Biodiversity Information Facility)

2011 Coauthor of the project SCAR AntEco (*State of the Antarctic Ecosystem*)

2013-2020 Member of the Steering Committee of SCAR AntEco (State of the Antarctic Ecosystem) (<http://www.scar.org/anteco/anteco-members>)

2014-2017 Head of the Working Group for the "Collection and Conservation of Finds" of the PNRA designated by the Ministry of Education, University and Research

2015-presente Member of the Steering Committee of the SCAR ANTOS (Antarctic Near-shore and Terrestrial Observation System) program(<https://www.scar.org/science/antos/>)

2016 Italian delegate designated by the National Scientific Commission for Antarctica (CSNA) in SCAR ANTOS

2017 Member of the Italian delegation for the CCAMLR meeting "Ross Sea Region - Marine Protected Area, RSR-MPA

2017 Member of the Italian CCAMLR working group on the Ross Sea MPA

2017 Member of the Italian delegation for the "Southern Ocean Observing System" (SOOS) working group for the Ross Sea MPA

2018-2022 Head of the Management Committee for the "Collection and dissemination of samples" of the PNRA established by the CNR

2020 Membro italiano dello SCAR Programme Planning Group (PPG) Ant-ICON (*Integrated Science to Inform Antarctic and Southern Ocean Conservation*)

2020-2022 Head of the Management Committee for the "Collection and dissemination of Finds" of the PNRA established by the CNR

2021-presente Member of the expert panel for Group 7 (Sustainable Management of Resources) of the European Polar Research Priorities within EU-PolarNet 2 (HORIZON 2020)

2021-presente Chair of the Italian SCAR "Life Science Group" (Scientific Committee On Antarctic Research)

2024 Italian Delegate for Life Sciences at the SCAR congress in Puchon, Chile