

MARIA ROSE PETRIZZO

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PERSONAL INFORMATION

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Born November 18, 1968 in Friedrichshafen (Germany).
Italian citizenship. Married. No children.

POSITION ASSOCIATE PROFESSOR**WORK EXPERIENCE**

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- 10/2016 - present **ASSOCIATE PROFESSOR**
(Sector Geo/01 - Paleontology and Paleoecology) at the Department of Earth Sciences "A. Desio", University of Milan, Italy.
- 01/2005 - 09/2016 **ASSISTANT PROFESSOR (RESEARCHER)**
(Sector Geo/01 - Paleontology and Paleoecology) at the Department of Earth Sciences "A. Desio", University of Milan, Italy.
- 04/2004 - 09/2004 **POSTDOCTORAL FELLOWSHIP**
Smithsonian Institution, Natural Museum of Natural History (NMNH), Department of Paleobiology, Washington DC, USA. Project: *Planktonic Foraminiferal Biological Response to the latest Albian Oceanic Anoxic Event 1d.*
- 11/2000 - 10/2003 **RESEARCH FELLOWSHIP**
Department of Earth Sciences "A. Desio", University of Milan, Italy. Project: *High resolution integrated stratigraphy of Cretaceous and Paleogene pelagic sediments: correlation of biologic and chemical-physical events for constructing time scales.*
- 07/1999 - 06/2000 **RESEARCH FELLOWSHIP**
Department of Earth Sciences "A. Desio", University of Milan, Italy. Project *within a ENI collaboration on the applicability of the Milankovitch theory in Cretaceous and Paleogene carbonates.*
- 04/1995 - 07/1995 **CONSULTANT**
Department of Earth Sciences "A. Desio", University of Milan, Italy. Activities and responsibilities: *Planktonic and benthic foraminiferal biostratigraphy and paleoecology of the Cenozoic Marls from the Tirana Trough (Albania) and from the Oligocene-Miocene sedimentary facies of the Tertiary Piedmont Basin (Italy).*

EDUCATION AND TRAINING

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- 18 May 1999 **Ph.D in EARTH SCIENCES**
Department of Earth Sciences "A. Desio", University of Milan, Italy. Dissertation: *Biostratigraphy and paleoceanography of Turonian to Campanian planktonic foraminifera from southern mid to high latitudes.* Tutor: I. Premoli Silva.
- 2 March 1995 **M.Sc. in GEOLOGICAL SCIENCES**
Department of Earth Sciences "A. Desio", University of Milan, Italy. Thesis: *Geology and stratigraphic analysis of the Ligurian and Epiligurian Units in Valle Staffora, PV (Italy).* Supervisor: R. Gelati.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Communication skills Good communication skills gained through my experience as researcher and professor

Organisational / managerial skills Supervisor, advisor and tutor of more than 40 Ph.D, master and bachelor students.

Job-related skills

- good knowledge of microscopy
- good knowledge of chemical laboratory work

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

- good command of office suite (word processor, spread sheet, presentation software)
- good command of design and photo editing software (Adobe suite)

Driving licence B

ADDITIONAL INFORMATION

Research interests

My research interests are focused on biostratigraphy, paleoecology, paleoceanography and evolutionary patterns of Cretaceous and Paleogene planktonic foraminifera. I am currently carrying out the following projects:

- Revision of the Cretaceous planktonic foraminifera taxonomy, biostratigraphy and biozonation. Correlation with other stratigraphic tools within the framework of the future Geological Time Scale 2020.
- Planktonic foraminifera analysis across potential stratotype sections for the definition of the Global Boundary Stratotype Sections and Points (GSSP) for the Cretaceous Stage Boundaries.
- Development of the Mesozoic Planktonic Foraminifera Database mikrotax.org - a system for web-delivery of taxonomy (<http://www.mikrotax.org/>) by revising and updating the taxonomy of planktonic foraminifera. The Database is aimed to solve some crucial debates on synonymy and phylogeny that still represent a huge impediment in developing a high-resolution biostratigraphic framework applicable worldwide. Database
- Reconstruction of Cretaceous ocean temperature through stable isotope (C and O) paleoecology of planktonic and benthic foraminifera in order to document the major global climatic warming and cooling transitions during the Cretaceous in the low and southern high latitude records.

Research interests

- Quantification of tempo and mode of planktonic foraminiferal evolution and their biological response to changes in the ocean-climate system from low to high latitudes with emphasis on the Albian to Campanian time interval, the Cretaceous Oceanic Anoxic Events (OAEs) and the Paleocene-Eocene Thermal Maximum (PETM).
- Determination and quantification of the susceptibility to dissolution of planktonic foraminifera to quantify the effect of deep-sea calcite dissolution on fossil assemblages during past times (Cretaceous and Paleogene) of environmental perturbations.
- Author and co-author of 71 publications in peer-reviewed journals and 153 oral and poster communications presented at international meetings and congresses.
- Author and co-author of 4 practical manuals for post-graduate courses dealing with taxonomy and biostratigraphy of planktonic foraminifera from Cretaceous to Neogene.

Participation in research projects
(selected list)

- 2017-2018, research project (CTE_NAZPR16EERBA_01) - Depositional characterization of organic-rich facies in deep and ultra-deep water areas: Biostratigraphic and Paleoceanographic characterization”. Coordinator: E. Erba (University of Milan).
- 2013-2015, MIUR-PRIN (2010X3PP8J_001) - Past Excess CO₂ Worlds (PEW): biota responses to extreme warmth and ocean acidification. Coordinator: E. Erba (University of Milan).
- 2010-2015, European Science Foundation Research Networking Program - EARTHTIME-EU - A Road Map to the Next Geological Time Scale.
- 2006-2010, U.S. National Science Foundation (NSF EAR #0641956) - The tropical temperature history of the Cretaceous greenhouse interval inferred from Tanzanian glassy foraminifera. Coordinators: B.T. Huber (Smithsonian Institution, Washington DC, USA), K.G. MacLeod (University of Missouri, Columbia, USA).
- 2007-2009, MIUR-PRIN (2007W9B2WE_001) - Evolution of calcareous plankton from selected intervals of the Mesozoic and Paleogene: casual changes or biotic response to environmental perturbations?. Coordinators: I. Premoli Silva, E. Erba (University of Milan).
- 2005-2007, MIUR-PRIN (2005044839_001) - Climate-environmental causes and consequences of calcareous plankton evolution: selected Late Jurassic through Paleogene case histories of pelagic ecosystems archived in Ocean Drilling Program (ODP) sites and land-sections. Coordinator: I. Premoli Silva (University of Milan).
- 2004-2006, U.S. National Science Foundation. CHRONOS PORTAL: An Interactive Network of Federated Data and Tools for Sedimentary Geology and Paleobiology. On-line Foraminiferal database on Mesozoic Planktonic Foraminifera. Coordinator: B.T. Huber (Smithsonian Institution, Washington DC, USA).
- 2003-2005, MIUR-PRIN (2003041915_001) - Climatic variability and transitions from greenhouse to icehouse worlds: Evidence from deep-sea (ODP) and land pelagic sediments (Valanginian to Oligocene). Coordinator: I. Premoli Silva (University of Milan).
- 2001-2003, MIUR-SAUS (2001048975_001), Cretaceous to Paleogene extreme climates and transient climatic events as documented in ODP sediments and on land pelagic successions. Coordinator: I. Premoli Silva (University of Milan).
- 2000-2003, EC- funded Human Potential Programme Research Training Network (HPRN-CT-1999-00055), C/T-Network - Rapid global change during the Cenomanian/Turonian oceanic anoxic event: Examination of a natural climatic experiment in Earth history. Coordinators: I. Premoli Silva, E. Erba (University of Milan).

Participation in scientific
expeditions

- 09/2017 - 11/2017. SHIPBOARD MICROPALAEONTOLOGIST (planktonic foraminifera), IODP Expedition 369 “Australia Cretaceous Climate and Tectonics”.
- 07/2009 - 08/2009. MICROPALAEONTOLOGIST ON FIELD for drilling Cretaceous and Paleogene sediments in southeast Tanzania within the TANZANIA DRILLING PROJECT (TDP).
- 08/2008 - 09/2008. MICROPALAEONTOLOGIST ON FIELD for drilling Cretaceous and Paleogene sediments in southeast Tanzania within the TANZANIA DRILLING PROJECT (TDP).
- 08/2001 - 10/2001. SHIPBOARD MICROPALAEONTOLOGIST (planktonic foraminifera), OCEAN DRILLING PROGRAM (ODP) Leg 198 Shatsky Rise - Extreme Warmth in the Cretaceous and Paleogene: a Depth Transect on Shatsky Rise, Central Pacific Ocean.

International officers and duties
(selected list)

- 08/2016 - 2020. CHAIR of the INTERNATIONAL SUBCOMMISSION ON CRETACEOUS STRATIGRAPHY (ISCS) of the International Commission on Stratigraphy (ICS), which is part of the International Union of Geological Sciences (IUGS) and UNESCO.
- 06/2017 - present. ADVISORY BOARD - PLANKTONIC FORAMINIFERA online Database mikrotax.org - a system for web-delivery of taxonomy (<http://www.mikrotax.org/>)
- 06/2010 - present. CO-COORDINATOR of the MESOZOIC PLANKTONIC FORAMINIFERA WORKING GROUP (member since 2004) for developing taxonomic atlases and databases that are accessible through the CHRONOS portal, <http://portal.chronos.org/>
- 10/2002 - 12/2017. SECRETARY and VOTING MEMBER of the INTERNATIONAL SUBCOMMISSION ON STRATIGRAPHIC CLASSIFICATION (ISSC) of the International Commission on Stratigraphy (ICS), which is part of the International Union of Geological Sciences (IUGS) and UNESCO.
- 06/2002 - 12/2013. VOTING MEMBER of the SANTONIAN WORKING GROUP of the International Commission on Stratigraphy (ICS), which is part of the International Union of Geological Sciences (IUGS) and UNESCO.

Invited lectures (selected list)

- INVITED PRESENTATION “Biogeography of Late Cretaceous planktonic foraminifera at southern high paleolatitudes: the complex interplay between climate and biotic interactions” at the Geological Society of America Annual Meeting, Indianapolis, IN, USA, 4-7 November 2018.
- PLENARY LECTURE entitled “Planktonic foraminiferal evolution and climate change: understanding the late Turonian to early Campanian record from low to high latitudes” at the International Symposium on Foraminifera FORAMS 2018, 17-22 June 2018. Edinburgh, Scotland, UK.
- INVITED LECTURE entitled “Planktonic foraminiferal evolution and climate change in the Late Cretaceous” at the 71st Geological Congress of Turkey, April 23-27 2018, Ankara, Turkey
- PLENARY LECTURE entitled “Cretaceous Stratigraphy - state of the art” at the 10th ISC - International Symposium on the Cretaceous, Vienna 2017, August 21-26, 2017.
- INVITED SPEAKER at EARTHTIME-EU project meeting “Plankton biostratigraphy - An EARTHTIME-EU initiative of critical evaluation of biohorizons and biozonations of the last 100 Ma”. 3-8 October, 2011, Varna, Bulgaria.

Editorial services

- 2016. GUEST EDITOR of Sedimentology (co-editors U. Heimhofer, S.A. Robinson, S.P. Hesselbo) Special Issue “Mesozoic climates and oceans - a tribute to Hugh Jenkyns and Helmut Weissert” January 2017, IAS, Wiley Blackwell
- 2010 - present. ASSISTANT EDITOR of Bollettino della Società Paleontologica Italiana (Italian Paleontological Society), <http://paleoitalia.org>
- 2005 - present. ASSOCIATE EDITOR of Journal of Foraminiferal Research (Cushman Foundation), <http://www.cushmanfoundation.org>
- 2002 - 2012. EDITOR of the Newsletters of the International Subcommission on Stratigraphic Classification (ISSC). Annual reports on the subcommission activities and achievements.

Peer review for scientific journals
and funding agencies

- Manuscripts (6-9 per year) submitted to Marine Micropaleontology, Revue de Micropaleontologie, Journal of Micropaleontology, Revista Espanola de Micropaleontologia, Geobios, Israel Journal of Earth Sciences, Cretaceous Research, Marine Geology, Newsletters on Stratigraphy, Geology, Geological Society of American Bulletin, Revista Mexicana di Ciencias Geologicas, Terranova, Swiss Journal of Geosciences, Paleobiologie, Geologica Carpathica.
- IODP (Integrated Ocean Discovery Program), BSF (Israel Binational Science Foundation), NWO (Netherlands Organization for Scientific Research), FWF (Austrian Science Fund), CNR (Consiglio Nazionale delle Ricerche - Italian National Research Council), VQR 2004-2010, VQR 2011-2014.

Other international activities
(selected list)

- CONVENOR, STRATI 2019, 2-5 July 2019, Milano, Italy, Session ST3.8- Cretaceous integrated stratigraphy, greenhouse climate change and events.
- CO-CONVENOR, EGU General Assembly 2018, 8-13 April, Vienna, Austria. Session SSP4.2 - Calcareous plankton in modern and past ecosystem.
- PLENARY LECTURE entitled “Cretaceous Stratigraphy - state of the art” at the 10th ISC - International Symposium on the Cretaceous, Vienna 2017, August 21-26, 2017.
- CONVENOR, EGU General Assembly 2016, 17-22 April, Vienna, Austria. Session SSP2.4 - The Need for Integrated Stratigraphy - Recent advances in cyclostratigraphy, astrochronology, radioisotopic dating and age modelling (including Jean Baptiste Lamarck Medal Lecture).
- CONVENOR, STRATI 2015, 19-23 July 2015, Graz, Austria, Session S31- General session on stratigraphy.
- CONVENOR, EGU General Assembly 2015, 12-17 April, Vienna, Austria, Session SSP2.1.1 - Earth Systems History - the Need for Integrated Stratigraphy (Sponsored by PalAss).
- ORGANIZING COMMITTEE, The Future of the Italian Geosciences - The Italian Geosciences of the Future 87° Congresso della Società Geologica Italiana, 90° Congresso della Società Italiana di Mineralogia e Petrologia, 10-12 September 2014, Milan, Italy.
- CONVENOR, EGU General Assembly 2014, 27 April-2 May, Vienna, Austria, Session SSP2.1 - Earth Systems History - the Need for Integrated Stratigraphy (Sponsored by PalAss).
- CO-CHAIR, Mesozoic Planktonic Foraminifera Working Group Meeting. 19-25 September, 2012, Ben Gurion University of the Negev, Beer Sheva, Israel.
- CO-CHAIR, Mesozoic Planktonic Foraminifera Working Group Meeting. 26-28 September, 2011, Washington DC, USA.
- CO-CHAIR, Mesozoic Planktonic Foraminifera Working Group Meeting. 11-12 September, 2010 Goldfuss Museum, Bonn, Germany.
- CO-CHAIR, FORAMS 2010 International Symposium on Foraminifera, 5-10 September, Bonn, Germany, Session: Mesozoic and Cenozoic planktonic foraminiferal evolutionary history and paleobiology: New insights and interpretations.
- ORGANIZING COMMITTEE, The colors of Cretaceous and Paleogene Oceans, a tribute to Isabella Premoli Silva, 16-19 May 2010, Verbania, Lake Maggiore, Italy.
- CO-CONVENOR, EGU General Assembly 2008, 13-18 April, Vienna, Austria, Session SSP6 - Phanerozoic climate: forcing factors and feedbacks between biosphere and geosphere.
- CO-CONVENOR, 32° International Geological Congress, 20-28 August 2004, Florence, Session 322-T26.01 - Recent results from ODP cruises.
- CO-CHAIR, FORAMS 2002 International Symposium on Foraminifera, 4-8 February 2002, Perth, Western Australia, Session 2 - Biostratigraphy.

Teaching activities at the
University of MilanCourses 2005 - present

- Micropaleontology and Laboratory, M.Sc. in Earth Sciences, 9 CFU-84 hours.
- Laboratory of Sedimentary Rocks and Geological Mapping, B.Sc. in Natural Sciences, 2 CFU-32 hours.
- Cretaceous Planktonic foraminifera biostratigraphy, biozonation and global correlation. Short course at the 87° Congresso della Società Geologica Italiana, 90° Congresso della Società Italiana di Mineralogia e Petrologia, Milan, Italy. Duration: 16 hours. 8-9 September 2014.

Supervisor of Bachelor and Master Thesis and Internships (1999 - present)

- Supervisor and co-supervisor of 40 Bachelor and Master thesis on Cretaceous, Paleogene and Neogene planktonic foraminifera taxonomy, biostratigraphy and paleoceanography with emphasis on planktonic foraminiferal biological response to environmental perturbations.
- Tutor of 26 Internships Bachelor and Master Courses in Geological Sciences.

Supervisor of 4 Ph.D Thesis in Earth Sciences

- SILVIA ELENA GILARDONI (2014-2016). Project: Paleoclimatic and paleoceanographic reconstruction of the Albian - Cenomanian interval based on planktonic foraminifera.
- ALESSIA BARCHETTA (2012-2014). Project: The Tethys (Cismon core) and Pacific (DSDP Site 463) Ocean record of OAE1a: taxonomic and quantitative analyses of planktonic foraminifera and their biological response across the Selli Level equivalent.
- FRANCESCA FALZONI (2009-2011). Project: Santonian - Campanian planktonic foraminiferal biostratigraphy, taxonomy and isotope paleoecology.
- DARIO MARCELLO SOLDAN (2008-2010). Project: Revision of Paleocene - Eocene planktic foraminiferal biostratigraphy and evolutionary history of the genus Igorina through parsimony analysis.

Teaching activities at the
University of MilanSupervisor of Post-Doctoral Fellowship in Earth Sciences

- FRANCESCA FALZONI (2014-2018). Research project: Planktonic foraminiferal biostratigraphy, evolution and ecologic response to Cenomanian - Turonian (Late Cretaceous) environmental perturbations.
- SILVIA ELENA GILARDONI (2017-2018). Research project: Depositional characterization of organic-rich facies in deep and ultra-deep water areas: Biostratigraphic and Paleoceanographic characterization. The Planktonic Foraminiferal record.
- VCTOR GIRALDO GOMEZ (2017-2018). Research project: Depositional characterization of organic-rich facies in deep and ultra-deep water areas: Biostratigraphic and Paleoceanographic characterization. The Benthic Foraminiferal record.

Teaching activities at
international research centres
and universities

Training Courses

- Cretaceous planktonic foraminifera biostratigraphy and global correlation at Universidade do Vale do Rio dos Sinos (UNISINOS) ITT FOSSIL, Graduate Program in Geology, Porto Alegre, Brazil. Lectures and microscope laboratory sessions. Duration: 30 hours. 16-20 March 2015.
- Paleogene and Cretaceous planktonic foraminifera taxonomy and biostratigraphy at ROBERTSON UK Limited, Llandudno, UK. Lectures and microscope laboratory sessions. Duration: 40 hours. 21-25 July 2014.
- Taxonomy and biostratigraphy of Cretaceous, Paleogene and Neogene planktonic foraminifera, COPPETEC Foundation, Rio de Janeiro, Brazil. Lectures and microscope laboratory sessions. Duration: 80 hours. 03-28 February 2014.
- Early Cretaceous planktonic foraminifera taxonomy and biostratigraphy at PETROBRAS (Petroleo Brasileiro S.A.), Research and Development Center, Biostratigraphy and Paleoecology, Rio de Janeiro, Brazil. Lectures and microscope laboratory sessions. Duration: 40 hours. 1-5 October 2013.
- Taxonomy of planktonic foraminifera, identifications and biostratigraphy, ESSO EXPLORATION Inc., Houston, TX, USA. Duration: 40 hours. Lectures and microscope laboratory sessions. 9-14 September 2013.
- Aptian - Albian planktonic foraminifera taxonomy and biostratigraphy at PETROBRAS (Petroleo Brasileiro S.A.), Research and Development Center, Biostratigraphy and Paleoecology, Rio de Janeiro, Brazil. Lectures and microscope laboratory sessions. Duration: 80 hours. 18-31 March 2012.
- Cretaceous, Paleocene and Eocene planktonic foraminifera taxonomy and biostratigraphy at PDVSA (Petroleos de Venezuela S.A.), Laboratorios y Nucleotecas, Exploracion, Bioestratigrafia, Puerto la Cruz, Venezuela. Lectures and microscope laboratory sessions. Duration: 80 hours. 28 March - 8 April 2011.
- Paleogene planktonic foraminifera taxonomy and biostratigraphy at PETROBRAS (Petroleo Brasileiro S.A.), Research and Development Center, Biostratigraphy and Paleoecology, Rio de Janeiro, Brazil. Lectures and microscope laboratory sessions. Duration: 40 hours. 26 April - 2 May 2008.
- Cretaceous planktonic foraminifera taxonomy and biostratigraphy at PETROBRAS (Petroleo Brasileiro S.A.), Research and Development Center, Biostratigraphy and Paleoecology, Rio de Janeiro, Brazil. Lectures and microscope laboratory sessions. Duration: 80 hours. 2-16 December 2006.

Lectures in Schools on Planktonic Foraminifera

- Cretaceous and Paleogene Planktonic Foraminifera, lectures and microscope laboratory sessions at the International School on Foraminifera ISF Urbino <http://www.isf.tmsoc.org/> (Scientific Directors: Prof. Michael A. Kaminski, King Fahd University of Petroleum & Minerals, Saudi Arabia; Dr. Fabrizio Frontalini, DiSTeVA, Urbino University, Italy. 11-30 June 2017; 7-25 June 2016; 4-22 June 2015; 3-21 June 2014; 4-18 June 2013; 10-20 June 2012; 7-16 April 2010. Duration: 16 hours.
- Microscope laboratory sessions on Neogene Planktonic Foraminifera (19-23 February 2007), Eocene Planktonic Foraminifera (20-24 February 2006), Oligocene-Miocene Planktonic Foraminifera (14-18 February 2005) at the International School on Planktonic Foraminifera, University of Perugia and Milan (Scientific Directors: Prof. Roberto Rettori, University of Perugia; Prof. Isabella Premoli Silva, University of Milan). Duration: 24 hours.
- University of Vienna, Austria, 25/10/2018
- Università degli Studi di Milano, Italy, 16/12/2013
- Cardiff University, UK, 26- 27/06/2012
- Katholieke Universiteit of Leuven, Belgium, 29/05/2008, 30/11/2011
- Università di Pavia, Italy, 26-27/10/2009, 17/12/2009

Examiner of Ph.D thesis in Earth
Sciences

Memberships (selected list)

- 2014 - present. Member of The Paleontological Association.
- 2011 - present. Member of the Geological Society of America (GSA).
- 2009 - present. Member of the Paleontology Society.
- 2008 - present. Member of the American Geophysical Union (AGU).
- 2005 - present. Fellow of the Cushman Foundation for Foraminiferal Research.
- 2002 - present. Member of the British Micropaleontological Society.
- 1999 - present. Member of the Società Paleontologica Italiana (Italian Paleontological Society)

Service to industry

- Consultant planktonic foraminifera biostratigrapher for PETROBRAS S.A. and PETROCI Holding.

Citations

- Scopus 22/03/2019: n° publications = 63; n° citations = 1916, h-index = 23
- Web of Sciences 22/03/2019: n° publications = 64; n° citations = 1720, h-index = 21
- Google Scholar 22/03/2019: n° citations = 2747, h-index = 27, i10-index = 51

Publications in peer-reviewed journals

1. Gelati R., Gnaccolini M., PETRIZZO M.R. (1998). Synsedimentary tectonics and sedimentation in the Tertiary Piedmont Basin, Northwestern Italy. *Rivista Italiana di Paleontologia e Stratigrafia* 104 (2), 193-214. ISSN: 0035-6883. IF 1998 = 0.588. WOS: 000075808900004. Scopus: 2-s2.0-0032462750
2. Gaetani M., Balini M., Vuks V. J., Gavrilova V. A., Garzanti E., Nicora A., Erba E., Cariou E., Cecca F., Premoli Silva I., PETRIZZO M.R., Cirilli S., Bucefalo Palliani R. (1998). The Mesozoic of the Mangyshlak (West Kazakhstan). In: Crasquin-Soleau S. & Barrier E. (eds.), *Peri-Thetys Memoir 4: Epicratonic Basins of Peri-Tethyan Platforms*. *Mém. Mus. nat. Hist. nat.*, v. 179, p. 35-74, Paris. ISBN: 2-85653-518-4. ISSN: 1243-4442
3. PETRIZZO M.R. (2000). Upper Turonian-lower Campanian planktonic foraminifera from southern mid high latitudes (Exmouth Plateau, NW Australia): biostratigraphy and taxonomic notes. *Cretaceous Research* 21, 479-505. ISSN: 0195-6671. IF 2000 = 0.593. Doi: 10.1006/cres.2000.0218. WOS: 000089559000003. Scopus: 2-s2.0-0033820907
4. PETRIZZO M.R., Premoli Silva I. (2000). Upper Cretaceous meridionally costellate hedbergellids: the genus *Meridionalla* El-Nakhal, 1982 vs. the genus *Costellagerina* Petters, El-Nakhal and Cifelli, 1983. *Journal of Foraminiferal Research* 30, 306-309. ISSN: 0096-1191. IF = 1.193. Doi: 10.2113/0300306. WOS: 000165386400004. Scopus: 2-s2.0-0034338429.
5. PETRIZZO M.R. (2001). Late Cretaceous planktonic foraminifera from Kerguelen Plateau (ODP Leg 183): new data to improve the Southern Ocean biozonation. *Cretaceous Research* 22, 829-855. ISSN: 0195-6671. IF 2001 = 0.975. Doi: 10.1006/cres.2001.0290. WOS: 000174643700011. Scopus: 2-s2.0-0035727962.
6. PETRIZZO M.R. in Shipboard Scientific Party (2002). Leg 198 Preliminary report. Ocean Drilling Program Preliminary Report, 98, www-odp.tamu.edu/publications/prelim/198_prel/198PREL.PDF
7. PETRIZZO M.R. (2002). Palaeoceanographic and palaeoclimatic inferences from Late Cretaceous planktonic foraminiferal assemblages from the Exmouth Plateau (ODP Sites 762 and 763, eastern Indian Ocean). *Marine Micropaleontology* 45, 117-150. ISSN: 0377-8398. IF 2002 = 2.188. Doi: 10.1016/S0377-8398(02)00020-8. WOS: 000177124500003. Scopus: 2-s2.0-0036296844.

Publications in peer-reviewed journals

8. PETRIZZO M.R. in Shipboard Scientific Party (2002). Leg 198 summary. Extreme Warmth in the Cretaceous and Paleogene: A Depth Transect on Shatsky Rise, Central Pacific. In Bralower T.J., Premoli Silva I. and Malone M. et al., Proceedings of the Ocean Drilling Program, Initial Report, 198 College Station, TX, pp. 1-148. www-odp.tamu.edu/publications. ISBN: 1096-2158. Doi: 10.2973/odp.proc.ir.198.2002.
9. PETRIZZO M.R. in Bralower T.J., Premoli Silva I., Malone M.J. and Scientific Participants of Leg 198 (2002). New evidence for abrupt climate change in the Cretaceous and Paleogene: An Ocean Drilling Program expedition to Shatsky Rise, northwest Pacific. GSA Today 12 (11), 4-10. ISSN: 1052-5173. Doi: 10.1130/1052-5173(2002)012<0004:NEFACC>2.0. Scopus: 2-s2.0-0036864913.
10. Zachos J.C., Wara M.W., Bohaty S., Delaney M.L., PETRIZZO M.R., Brill A., Bralower T.J., Premoli Silva I. (2003). A transient rise in tropical sea surface temperature during the Paleocene-Eocene Thermal Maximum. Science 302, 1551-1554. ISSN: 0036-8075. IF 2003 = 29.781. Doi: 10.1126/science.1090110. WOS:000186802200039. Scopus: 2-s2.0-0345690130.
11. PETRIZZO M.R. (2003). Late Cretaceous planktonic foraminiferal bioevents in the Tethys and in the Southern ocean record: an overview. Journal of Foraminiferal Research 23, 330-337. ISSN: 0096-1191. IF 2003 = 1.000. Doi: 10.2113/0330330. WOS: 000187884600005. Scopus: 2-s2.0-0942280551.
12. Tsikos H., Karakitsios V., van Breugel Y., Walsworth-Bell B., Bombardiere L., PETRIZZO M.R., Sinninghe Damsté J.S., Schoute S., Erba E., Premoli Silva I., Farrimond P., Tyson R.V., Jenkyns H.C. (2004). Organic-carbon deposition in the Cretaceous of the Ionian Basin, NW Greece: The Paquier Event (OAE 1b) revisited. Geological Magazine 141, 401-416. ISSN: 0016-7568. IF 2004 = 1.188. Doi: 10.1017/S0016756804009409. WOS: 000223331500001. Scopus: 2-s2.0-3843077731.
13. Tsikos H., Jenkyns H.C., Walsworth-Bell B., PETRIZZO M.R., Forster A., Kolonic S., Erba E., Premoli Silva I., Baas M., Wagner T., Sinninghe Damsté J.S. (2004). Carbon-isotope stratigraphy recorded by the Cenomanian/Turonian Oceanic Anoxic Event: correlation and implications based on three key-localities. Journal of the Geological Society of London 161, 711-719. ISSN: 0016-7649. IF 2004 = 1.890. Doi: 10.1144/0016-764903-077. WOS: 000222554900018. Scopus: 2-s2.0-2142708803.
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ANNEXES

Personal information

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.Lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Date

22-03-2019

Signature

Maria Rose Petrizzo