DAVIDE PERSICO

CURRICULUM VITAE

DEPARTMENT OF CHEMISTRY, LIFE SCIENCES AND ENVIRONMENTAL SUSTAINABILITY (SCVSA)
University of Parma
Via Usberti 157A, 43100 Parma.
Tel. 0521/905355
E mail: davide.persico@unipr.it

Title of qualification awarded

1996/1997: M.D. in Natural Science (Palaeobiology) (University of Parma, Italy) (mark 110/110);

2002/2003: PhD in Earth Science, University of Parma;

ASN - Associate Professor (valid from 31/07/2017 to 31/07/2023) (art. 16, comma 1, Legge 240/10), Competition Sector 04 / A2, Structural Geology, Stratigraphic Geology, Sedimentology and Paleontology.

SCOPUS metrics overview (26/07/2021)

Documents by author: 36
Citations by 847 documents: 1065
h-index: 15

Principal assignments and professional experiences

2002 - Member of Organization Committee of International Nannoplankton Association Conference (INA 9), Parma;

2003 - Scholarship in micropaleontology: Eocene-Oligocene calcareous nannofossil paleoecology and paleoceanography from Southern Ocean (Department of Earth Science, University of Parma);

2005 - Research Fellow in micropaleontology: Cainozoic calcareous nannofossil of the Southern Ocean, paleoclimatology and paleoceanography (Department of Earth Science, University of Parma);

2007 - Research Fellow in micropaleontology: Cainoizoic calcareous nannofossil of the Southern Ocean, paleoclimatology and paleoceanography (Department of Earth Science, University of Parma);

2010 - Scholarship in micropaleontology: High-resolution Miocene-Oligocene biostratigraphy and correlation with parastratigraphic units. Project financed by PETROBRAS S.P.A. (Department of Earth Science, University of Parma)

2012 – 2013 Research Fellow in micropaleontology: Oligocene-Miocene calcareous nannofossil of subtropical - equatorial Atlantic Ocean (Department of Earth Science, University of Parma);

2013 – 2018 Researcher (RTDa) in Palaeontology and Professor of Paleobiology and Naturalistic Museology of the University of Parma.

2019 – 2021 Researcher (RTDb) in Palaeontology and Professor of Paleobiology and Naturalistic Museology of the University of Parma.

Participation in international projects

2006 - Member of the International program of Antarctic research (IT, GER, NZ, UK e USA) “ANDRILL” MIS (ANtarctic DRILLing; http://www.andrill.org/). Project approved by ICSU/WMO Joint Committee for the International Polar Year (IPY)

2007 - Member of the International program of Antarctic research (IT, GER, NZ, UK e USA) “ANDRILL” SMS (ANtarctic DRILLing; http://www.andrill.org/). Project approved by ICSU/WMO Joint Committee for the International Polar Year (IPY)

2007/2009 - Member of operative Unit of University of Parma for the project PRIN, National Managers Prof. Isabella Premoli Silva/Prof. E. Erba.

2010/2013 Member of the Unit of University of Parma in the international project with Petróleo Brasileiro S.A (Petrobras): “High-resolution Miocene-Oligocene biostratigraphy and correlation with parastratigraphic units”.

2012-2016 Member of the biostratigraphic Unit of University of Parma in the international project with Petróleo Brasileiro S.A (Petrobras): “Integrated micropaleontology and sedimentology Project”

2016-2021 - Member of operative Unit of University of Parma in the International program PNRA16_00205 ODYSSEA (paleoclimatic reconstructions and Ocean Dynamics from the Sediment drifts of the Ross SEA).

2020 - Coordinator of the operative Unit of University of Parma in relation to the IODP 378 Project, Site U1553. National Coordinator Prof. Isabella Raffi (University of Chieti).

2020 - Coordinator of the operative Unit of University of Parma for the project "Fossil Wolves of the Po Valley, historical, paleontological and paleogenetic analysis". National coordinator of the project Prof. Riccardo Rao (University of Bergamo).

International collaborations

2019 – Visiting professor from Jinan University (Guangzhou, China) · Institute of Groundwater and Earth Sciences.

2021 – Visiting professor from South China Institute of Nature Conservation and Ecological Restoration (SCINCER)

Scientific publications

1. G. Villa and **D. Persico**, 2002. Calcareous nannofossil biostratigraphy of the Ostia and Scabiazza Sandstones (Val Trebbia, Val Ceno, Val Taro, Northern Apennines, Italy): a key to a Cretaceous tectono-stratigraphic interpretation. Bollettino della Società Geologica italiana, Volume speciale n. 1, 629-639.
2. **D. Persico** and G. Villa, 2002. Morphology of *Eprolithus* and comparision to *Micula decussata*. Journal of Nannoplankton Research, 24-1, 15-26.

3. R. G. Lucchi, M. Rebesco, A. Camerlenghi, L. Tomadin, G. Giorgetti, A. Caburlotto, G. Villa, **D. Persico**, C. Morigi and M. C. Bonci, 2002. Glacimarine Sedimentary Processes on a High-Latitude Neogene-Quaternary Sediment Drift: Geological Investigations on the Antarctic Peninsula Pacific Margin. Marine Geology 3194, 1-28.
4. **D. Persico**, S.W. Jr. Wise, and S. Jiang, 2003. Oligocene-Holocene calcareous nannofossil biostratigraphy and diagenetic etch patterns on Quaternary placoliths at ODP Site 1139 on Skiff Bank, Northern Kerguelen Plateau. In Frey, F.A., Coffin, M.F., Wallace, P.J., and Quilty, P.G. (Eds.), Proc. ODP, Sci. Results, 183, 1-19 [CD-ROM].
5. G. Villa, **D. Persico**, M.C. Bonci, C. Morigi, R. Lucchi, M. Rebesco, 2002. Biostratigraphic Characterization and Quaternary Microfossil Palaeoecology in Sediment Drifts West of the Antarctic Peninsula - Implications for Cyclic Glacial-Interglacial Deposition. Paleo, Paleo, Paleo, 198, 237-263.
6. **D. Persico**, 2003. Resti fossili di *Ursus arctos* nei depositi alluvionali del fiume Po in provincia di Cremona. Pianura, 17, 5-13.
7. **D. Persico**, 2003. Paleoecological and paleoclimatic implication of Cenozoic calcareous nannofossils from Antarctic region. Acta Naturalia de "L'Ateneo Parmense", 39, 135-139.
8. **D. Persico** and G. Villa, 2004. Eocene-Oligocene calcareous nannofossils from Maud Rise and Kerguelen Plateau (Antarctica): palaeoecological and palaeoceanographic implications. Marine Micropaleontology 52, 153-179.
9. **D. Persico**, 2004. Rinvenimento di un dente premolare di rinoceronte nelle alluvioni quaternarie del fiume Po tra le province di Cremona e Parma. Pianura, 18, 139-145.
10. F. Lirer, **D. Persico** & M. Vigorito, 2005. Calcareous Plankton biostratigraphy and age of the middle miocene deposits of longano formation (Eastern Matese Mountains, Southern Apennines). Rivista Italiana di Paleontologia e Stratigrafia Vol. 111 pp. 91-108.
11. G. Villa and **D. Persico**, 2006. Late Oligocene climatic changes: Evidence from calcareous nannofossils at Kerguelen Plateau Site 748 (Southern Ocean). Palaeogeography, Palaeoclimatology, Palaeoecology, 231, 110-119.

12. **D. Persico**, E. Guareschi, P. Carubelli, 2006. Resti umani fossili delle alluvioni recenti rinvenuti presso San Daniele Po (CR): indagine antropologica e geopaleontologica. Pianura Vol. 20, pp. 147-171.
13. **D. Persico** and S. Ravara, 2007. Significative concentrazioni di resti umani nell'alveo del Po tra i comuni di San Daniele Po (CR), Motta Baluffi (CR) e Roccabianca (PR). Pianura, vol. 21, pp. 193-200.
14. Naish T.R., Powell R.D., Barrett P.J., Henrys S., Krissek L.A., Levy R.H., Niessen F., Pompilio M., Pyne A, Ross J., Schrerer R., F. Talarico, Wilson G.S. and **Andrill-Mis Science Team**, 2007. Late Cenozoic climate history of the Ross Embayment from the AND-1B drill hole: Culmination of three decades of Antarctic margin drilling". Proceedings of the 10th ISAES X, edited, Vol.2, 150-166.
15. Naish, T.R., Powell, R., Levy, R., and the **Andrill-Mis Science Team**, 2007. Background to the ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica 14: 121-130.
16. Naish, T., Powell R., Levy R., Henrys S., Krissek L., Niessen F., Pompilio M., Scherer R., Wilson G. & the **ANDRILL-Mis Science Team**, 2007. Synthesis of the Initial Scientific Results of the MIS Project, Victoria Land Basin, Antarctica. Terra Antartica 14: 317-333.
17. G. Dunbar, F. Niessen, S. Vogel, S. Tulaczyk, K. Mandernack, L. Krissek, L. Carter, E. Cowan, T. Wilch, C. Peng, C.P. Strong, R. Scherer, C. Sjunneskog, D. Winter, R. Mckay, F. Talarico, M. Pompilio & the **Andrill-Mis Science Team**, 2007. Late Pleistocene to Holocene Strata from Soft-Sediment Coring at the AND-1B Site, ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica, 2007, 14(3), 141-154.
18. R. Morin, T. Williams, S. Henrys, T. Crosby, D. Hansaraj & The **Andrill-Mis Science Team**, 2007. Downhole Measurements in the AND-1B Borehole, ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica, 14 (3), 167-174.
19. L. Krissek, G. Browne, L.Carter, E. Cowan, G. Dunbar, R. Mckay, T. Naish, R. Powell, J. Reed, T. Wilch & The **Andrill-Mis Science Team**, 2007. Sedimentology and Stratigraphy of the AND-1B Core, ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica 2007, 14(3), 185-222.

20. R. Scherer, M. Hannah, P. Maffioli, **D. Persico**, C. Sjunneskog, C.P. Strong, M. Taviani, D. Winter & The Andrill-Mis Science Team, 2007. Palaeontologic Characterisation and Analysis of the AND-1B Core, ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica 14(3), 223-254.
21. M. Pompilio, N. Dunbar, A.C. Gebhardt, D. Helling, G. Kuhn, P. Kyle, R. Mckay, F.Talarico, S. Tulaczyk, S. Vogel, T. Wilch & The **Andrill-Mis Science Team**, 2007. Petrology and Geochemistry of the AND-1B Core, ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica 14(3), 255-288.
22. G.S. Wilson, F. Florindo, L. Sagnotti, C. Ohneiser & The **Andrill-Mis Science Team**, 2007. Palaeomagnetism of the AND-1B Core, ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica, 14(3), 289-296.
23. Wilson G., Levy R., Browne G., Cody R., Dunbar, N., Florindo F., Henrys S., Graham I., Mcintosh W., Mckay R., Naish T., Ohneiser C., Powell R., Ross J., Sagnotti L., Scherer R., Sjunneskog C., Strong C.P., Taviani M., Winter D. & The **Andrill-Mis Science Team**, 2007. Preliminary Integrated Chronostratigraphy of the AND-1B Core, ANDRILL McMurdo Ice Shelf Project, Antarctica. Terra Antartica, 14(3), 297-316.
24. **D. Persico** and G. Villa, 2008. A new Eocene Chiasmolithus species: hypothetic reconstruction of the phyletic lineage". J. Nannoplankton Res. 30 (1), 2008, pp.23-33.
25. G. Villa, C. Fioroni, L. Pea, S. Bohaty, **D. Persico**, 2008. Middle Eocene - Late Oligocene climate variability: calcareous nannofossil response at Kerguelen Plateau, Site 748. Marine Micropaleontology, 69 (2008) 173–192
26. Taviani, M., Hannah, M., Harwood, D.M., Ishman, S.E., Johnson, K., Olney, M., Riesselman, C., Tuzzi, E., Askin, R., Beu, A.G., Blair, S., Cantarelli, V., Ceregato, A., Corrado, S., Mohr, B., Nielsen, S.H.H., **Persico, D**., Petrushak, S., Raine, J.I., Warny, S., and the ANDRILL-SMS Science Team, 2008-2009. Palaentological characterization and analysis of the AND-2A Core, ANDRILL Southern McMurdo Sound Project, Antarctica. In Harwood, D., Florindo, F., Talarico, F., and

Levy, R.H. (Eds.), Studies from the ANDRILL Southern McMurdo Sound Project, Antarctica—Initial Science Report on AND-2A. Terra Antart., 15(1):113–146.

27. Franco Cigala Fulgosi, Simone Casati, Alex Orlandini & **Davide Persico**, 2009. A small fossil fish fauna, rich in chlamydoselachus teeth, from the Late Pliocene of Tuscany (Siena, central Italy). Cainozoic Research, 6(1-2), pp. 3–23, 8 figs, 2 tabs.
28. T.R. Naish, R.D. Powell, R. Levy, G. Wilson, R. Scherer, F. Talarico, L. Krissek, F. Niessen, M. Pompilio, T. Wilson, L. Carter, R. DeConto, P. Huybers, R. McKay, D. Pollard, J. Ross, D. Winter, P. Barrett, G. Browne, R. Cody, E. Cowan, J. Crampton, G. Dunbar, N. Dunbar, F. Florindo, C. Gebhardt, I. Graham, M. Hannah, D. Hansaraj, D. Harwood, D. Helling, S. Henrys, L. Hinnov, G. Kuhn, P. Kyle, A. Läufer, P. Maffioli, D. Magens, K. Mandernack, W. McIntosh, C. Millan, R. Morin, C. Ohneiser, T. Paulsen, **D. Persico**, I. Raine, J. Reed, C. Riesselman, L. Sagnotti, D. Schmitt, C. Sjunneskog, P. Strong, M. Taviani, S. Vogel, T. Wilch & T. Williams, 2009. Obliquity-paced Pliocene West Antarctic ice sheet oscillations, Nature Vol 458 19 March 2009 doi: 10.1038/nature 07867.
29. **D. Persico**, 2009. Rinvenimento di resti fossili di *Emys orbicularis* (Linnaeus, 1758) in un clasto di torba del fiume Po: indagine paleo-ambientale (p. 157-166). Pianura, 24, pp.157-166.
30. Warny S., R. A. Askin, M. J. Hannah, B. A.R. Mohr, J. Ian Raine, D. M. Harwood, F. Florindo, and the **SMS Science Team**, 2009. Palynomorphs from a sediment core reveal a sudden remarkably warm Antarctica during the middle Miocene. GEOLOGY, Volume: 37, Issue: 10, Pages: 955-958, DOI: 10.1130/G30139A.1
31. Frank TD, Gui Z, Harwood D, Florindo F, Levy R, Acton G, Atkins C, Bassett K, Berg M, Bibby T, Blair S, Blank L, Browne G, Del Carlo P, Dooley J, Drew S, Dunbar G, Field B, Fielding C, Frisch-Gleason R, Grelle T, Handwerger D, Hannah M, Hoffmann S, Hubbard J, Huffman L, Ishman S, Johnson K, Jovane L, Konfirst M, Krissek L, Kuhn G, Lacy L, Lehmann R, Magens D, Mankoff K, Millan C, Nielsen S, Olney M, Panter K, Passchier S, Patterson T, Paulsen T, Pekar S, **Persico D**, Petrushak S, Pierdominici S, Pound K, Reed J, Reichelt L, Riesselman

C, Sandroni S, Schmitt D, di Clemente GS, Speece M, Strada E, Szymcek P, Talarico F, Taviani M, Tuzzi E, Williams R, Wonik T (2010). Cryogenic origin for brine in the subsurface of southern McMurdo Sound, Antarctica. GEOLOGY, vol. 38, p. 587-590, ISSN: 0091-7613, doi: 10.1130/G30849.1

32. Passchier S, Browne G, Field B, Fielding Cr, Krissek La, Panter K, Pekar Sf, Harwood D, Florindo F, Levy R, Acton G, Atkins C, Bassett K, Berg M, Bibby T, Blair S, Blank L, Del Carlo P, Dooley J, Drew S, Dunbar G, Frank T, Frisch-Gleason R, Grelle T, Handwerger D, Hannah M, Hoffmann S, Hubbard J, Huffman L, Ishman S, Johnson K, Jovane L, Konfirst M, Kuhn G, Lacy L, Lehmann R, Magens D, Mankoff K, Millan C, Nielsen S, Olney M, Patterson T, Paulsen T, **Persico D**, Petrushak S, Pierdominici S, Pound K, Reed J, Reichelt L, Riesselman, Sandroni S, Schmitt D, di Clemente Gs, Speece M, Strada E, Szymcek P, Talarico F, Taviani M, Tuzzi E, Williams R, Wonik . (2011). Early and middle miocene antarctic glacial history from the sedimentary facies distribution in the AND-2A drill hole, Ross sea, Antarctica. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, vol. 123, p. 2352-2365, ISSN: 0016-7606, doi: 10.1130/B30334.1
33. **D. Persico**, C. Fioroni, G. Villa, 2012. Refined calcareous nannofossil biostratigraphy for the middle Eocene - early Oligocene Southern Ocean ODP sites. Palaeogeography, Palaeoclimatology, Palaeoecology. Volumes 335–336, 12–23.
34. G. Villa, **D. Persico**, S.W. Wise, A. Gadaleta, 2012. Calcareous nannofossil evidence for Marine Isotope Stage 31 (1 Ma) in the AND-1B Core, ANDRILL McMurdo Ice Shelf Project (Antarctica). Global and Planetary Change 96–97 (2012) 75–86
35. C. Fioroni, G. Villa, **D. Persico**, S.W. Wise, L. Pea, 2012. Revised Eocene - Oligocene calcareous nannofossil biozonation for the Southern Ocean - Revue de micropaleontology 55 (2) - 53-70.
36. Gary S. Wilson, Richard H. Levy, Tim R. Naish, Ross D. Powell, Fabio Florindo, Christian Ohneiser, Leonardo Sagnotti, Diane M. Winter, Rosemary Cody, Stuart Henrys, Jake Ross, Larry Krissek, Frank Niessen, Massimo Pompillio, Reed Scherer, Brent V. Alloway, Peter J. Barrett, Stefanie Brachfeld, Greg Browne, Lionel Carter, Ellen Cowan,

James Crampton, Robert M. DeConto, Gavin Dunbar, Nelia Dunbar, Robert Dunbar, Hilmar von Eynatten, Catalina Gebhardt, Giovanna Giorgetti, Ian Graham, Mike Hannah, Dhiresh Hansaraj, David M. Harwood, Linda Hinnov,Richard D. Jarrard, Leah Joseph, Michelle Kominz, Gerhard Kuhn, Philip Kyle, Andreas Läufer, William C. McIntosh, Robert McKay, Paola Maffioli, Diana Magens, Christina Millan, Donata Monien, Roger Morin, Timothy Paulsen, **Davide Persico**, David Pollard, J. Ian Raine,Christina Riesselman, Sonia Sandroni, Doug Schmitt, Charlotte Sjunneskog, C. Percy Strong, Franco Talarico, Marco Taviani, Giuliana Villa, Stefan Vogel, Tom Wilch, Trevor Williams,Terry J. Wilson, Sherwood Wise, 2012. Neogene tectonic and climatic evolution of the Western Ross Sea, Antarctica — Chronology of events from the AND-1B drill hole. Global and Planetary Change 96–97, 189–203.

37. **D. Persico** and G. Villa, 2013. A new Oligocene-Miocene calcareous nannofossil species: *Pontosphaera wallacei*. Revue de Micropaléontologie, 56 (2013) 97–102.
38. Lucchi, R.G., Camerlenghi, A., Rebesco, M., Colmenero-Hidalgo, E., Sierro, F.J., Sagnotti, L., Urgeles, R., Melis, R., Morigi, C., Barcena, M.-A., Giorgetti, G., Villa, G., **Persico, D.**, Flores, J.-A., Rigual-Hernandez, A.S., Pedrosa, M.T., Macrì, P., Caburlotto, A., 2013. Postglacial sedimentary processes on the Storfjorden and Kveithola trough mouth fans: Significance of extreme glacimarine sedimentation. Global and Planeraty Change 111, 309-326.
39. **Persico D.**, Villa G., Ladner B., 2014. Size variations of *Reticulofenestra oamaruensis* (Deflandre in Deflandre & Fert, 1954) Stradner in Haq, 1968, emended. *Revue de micropaléontologie* http://dx.doi.org/10.1016/j.revmic.2014.02.001
40. Quaijtaal W., Donders T.H., **Persico D.**, Louwye S., 2014. Characterizing the middle Miocene Mi-events in the Eastern North Atlantic realm: a first high-resolution marine palynological record from the Porcupine Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 399, 140-159.
41. Villa G., Fioroni C., **Persico D.**, Roberts A.P., Florindo F., 2014. Middle Eocene to Late Oligocene Antarctic Glaciation/Deglaciation and

Southern Ocean productivity. Paleoceanography; DOI: 10.1002/2013PA002518

42. **Persico, D.** & Cogliati, C., 2014. Micropalaeontology in archaeology: reconsruction of provenance of a prehistoric artefact through microfossil and lithological analysis. Journal of Nannoplankton Research, 33(1): 13-60.
43. **D. Persico**, E.M.E. Billia, S. Ravara, B. Sala, 2015. The skull of *Stephanorhinus kirchbergensis* (Jäger, 1839) (Mammalia, Rhinocerotidae) from Spinadesco (Cremona, Lombardia, Northern Italy): morphological analyses and taxonomical remarks – an opportunity for revising the three other skulls from the Po Valley. Quaternary Science Reviews, 109, 28–37.
44. Florindo, F., R. Gennari, **D. Persico**, E. Turco, G. Villa, P. C. Lurcock, A. P. Roberts, A. Winkler, L. Carter, and S. F. Pekar (2015), New magnetobiostratigraphic chronology and paleoceanographic changes across the Oligocene-Miocene boundary at DSDP Site 516 (Rio Grande Rise, SW Atlantic), Paleoceanography, 30, doi:10.1002/2014PA002734.
45. Chiara Fioroni, Giuliana Villa, **Davide Persico**, Luigi Jovane, 2015. Middle Eocene-Lower Oligocene calcareous nannofossil biostratigraphy and paleoceanographic implications from Site 711 (equatorial Indian Ocean). Marine Micropaleontology, 118, Pp. 50–62. doi: 10.1016/j.marmicro.2015.06.001
46. Martin Sabol, **Davide Persico**, Emiliano Troco, 2017. First fossil record of leopard-like felid (Panthera cf. pardus) from alluvial deposits of the Po River in northern Italy. Quaternary international, Vol.436, Part A, Pages 192-200. http://dx.doi.org/10.1016/j.quaint.2016.12.036
47. Rocco Gennari, **Davide Persico**, Elena Turco, Giuliana Villa, Silvia Maria Iaccarino, Fabio Florindo, Pontus C. Lurcock, Geise de Santana dos Anjos Zerfass, 2017. High-resolution integrated calcareous plankton biostratigraphy and magnetostratigraphy at the Oligocene–Miocene transition in Southwestern Atlantic Ocean. Geological Journal. 2017; 1–23. https://doi.org/10.1002/gj.2945

48. Vinicio Manzi, Rocco Gennari, Stefano Lugli, **Davide Persico**, Matteo Reghizzi, Marco Roveri, B. Charlotte Schreiber, Ran Calvo, Ittai Gavrieli and Zohar Gvirtzman, 2018. The onset of the Messinian salinity crisis in the deep Eastern Mediterranean basin. Terra Nova. Pp. 00: 1–10. https://doi.org/10.1111/ter.12325
49. Roveri, M.; Gennari, R.; **Persico, D.**; Rossi, F. P.; Lugli, S.; Manzi, V.; Reghizzi, M.; Taviani, M., 2018. A new chronostratigraphic and palaeoenvironmental framework for the end of the Messinian salinity crisis in the Sorbas Basin (Betic Cordillera, Southern Spain). DOI:10.1002/gj.3256. In Geological Journal. 2018; 1–21.
50. Ciucani MM, Palumbo D, Galaverni M, Serventi P, Fabbri E, Ravegnini G, Angelini S, Maini E, **Persico D**, Caniglia R, Cilli E. 2019. Old wild wolves: ancient DNA survey unveils population dynamics in Late Pleistocene and Holocene Italian remains. PeerJ 7:e6424 https://doi.org/10.7717/peerj.6424
51. **Persico D**, Succo A, Mittempergher S,Storti F, Piccinini E, Villa G. Calcareous nannofossilbiostratigraphy of the External Dinarides flysch (Vrcic-Staravasa Pag Island, Croatia): A key to an Eocene tectono-stratigraphic and paleoenvironmental interpretation. Geological Journal. 2019; 1–14. https://doi.org/10.1002/gj.3673
52. Burkanova E M, Billia EME, **Persico D**, 2020. Stephanorhinus kirchbergensis (Jäger, 1839) (Mammalia, Rhinocerotidae) from the Po valley (Lombardia, Northern Italy): possible diet/nutrition and living conditions. Quaternary International, https://doi.org/10.1016/j.quaint.2020.07.031
53. Stefaniak K, Stachowicz-Rybka R, Krzysztof Borówka R, Hrynowiecka A, Sobczyk A, Moskal-del Hoyob M, Kotowskic A, Nowakowski D, T. Krajcarz M, Billia EME, **Persico D**, Burkanova E. M., Leschinskiy S. V, van Asperen E, Ratajczaka U, V. Shpansky A, Lempart M, Wach B, Niska M, van der Made J, Stachowicz K, Lenarczyk J, Piątek J, Kovalchuk O, 2020. Browsers, grazers or mix-feeders? Study of the diet of extinct Pleistocene Eurasian forest rhinoceros Stephanorhinus kirchbergensis (Jäger, 1839) and woolly rhinoceros Coelodonta antiquitatis (Blumenbach, 1799). Quaternary international (In press). https://doi.org/10.1016/j.quaint.2020.08.039

54. **Persico D.**, 2021. First fossil record of cave lion (Panthera (Leo) spelaea intermedia) from alluvial deposits of the Po River in northern Italy. Quaternary International, 586; 14-23. https://doi.org/10.1016/j.quaint.2021.02.029.
55. Hoshina K., Wang Y., Jiang S., Lozar F., **Persico D.**, Villa G. and Jordan R. W., (2021, *in press*). Eocene calcareous nannofossils from southern Tibet: paleoceanographic implications for the closure of the eastern Tethys Ocean. Marine Micropaleontology.
56. Villa G., Florindo F., **Persico D.**, Lurcock P., de Martini A. P., Jovane L., and Fioroni C., (*In press*). Integrated calcareous nannofossil and magnetostratigraphic record of ODP Site 709: middle Eocene to late Oligocene paleoclimate and paleoceanography of the Equatorial Indian Ocean. Marine Micropaleontology.

Books

1. **Persico D.**, Cigala Fulgosi F., Ferrari V., Ravara S., Carubelli C., 2006. I fossili del Fiume Po: catalogo dei mammiferi fossili delle alluvioni quaternarie del Museo Naturalistico Paleontologico di San Daniele Po (CR). Ed. Delmiglio, Persico Dosimo (CR).
2. **Persico D.**, 2009. Neodarwinismo. L'evoluzione della teoria. Ed. Il Simposio delle Muse, Collana: Intersezione (2009) ISBN: 8890420014, ISBN-13: 9788890420016, pp. 191.
3. **Persico D**, 2010. Ritornare dall'Antartide e ritrovarsi neanderthal. Ed. Il Simposio delle Muse, Collana: Intersezione (2010) ISBN: 9788890420047, pp. 141.
4. **Persico D.**, 2012. Storie da una scatola di sassi. Ed. Delmiglio ISBN 978-88-907757-1-0 pp. 321, Persico Dosimo (CR), 2012.
5. **Persico D.**, 2017. METEORITI- Storie cadute dal cielo, Ed. Delmiglio, Persico Dosimo (CR), pp. 105.
6. Ravara S., Carubelli P., Troco E. & **Persico D.,** 2018. Catalogo dei fossili del Po (2016-2018) - ISBN:978-88-944250-1-7.
7. **Persico D.,** 2019. Il Lupo del Po, biologia, storia e comportamento di un predatore ritornato in pianura. Ed. Delmiglio - ISBN:978-88-944250-2-4.

8. **Persico D.,** 2020. Storie Naturali - storie di animali e di genti del Po Grande. Ed. Delmiglio, ISBN:9788894425031
9. **Persico D.,** 2021. I fossili delle alluvioni – ricerca, studio e descrizione della paleofauna padana. Ed. Delmiglio, ISBN:978889442509

Poster, abstract and conference paper

1. G. Villa and **D. Persico**, 2000. Calcareous nannofossil biostratigraphy of the Ostia and Scabiazza Sandstones (Trebbia, Ceno, Taro Valleys, Northern Apennines, Italy): a key to a Cretaceous tectono-stratigraphic interpretation (Poster). Congresso in memoria di G. Pialli, Foligno (PG), February 2000.
2. **D. Persico** and G. Villa, 2000. Morphology of Eprolithus and comparision to Micula decussata (Poster). Journal of Nannoplankton Research, 22-2-2000 p. 148 (abstract). INA 8, Brema.
3. G. Villa, **D. Persico**, M.C. Bonci, C. Morigi, R. Lucchi, M. Rebesco, 2001. Biostratigraphic characterization and Quaternary microfossil paleoecology during glacial interglacial deposition on sediment drifts West of the Antarctic Peninsula: Results from SEDANO Project (Poster). Abstract, 19th Symposium of the International School of Geophysics: The Geologic record of the Antarctic ice sheet from drilling, coring and seismic studies. EMCSC, Erice, Sicily, 8 September, 2001
4. R. G. Lucchi, M. Rebesco, A. Camerlenghi, L. Tomadin, G. Giorgetti, A. Caburlotto, G. Villa, **D. Persico**, C. Morigi and M.C. Bonci. Glacimarine Sedimentary Processes on a High-Latitude Neogene-Quaternary Sediment Drift: Geological Investigations on the Antarctic Peninsula Pacific Margin. The Geologic record of the Antarctic ice sheet from drilling, coring and seismic studies (Poster). EMCSC, Erice, Sicily, 8 September, 2001
5. **D. Persico** and G. Villa, 2002. ODP 113 Site 689: high resolution Biostratigraphy and Paleoecology from Eocene-Oligocene sediments, Maud Rise, Weddell Sea, Antarctica (Poster). European Geophysical Society, XXVII General Assembly, Nizza, France 21-26 Aprile 2002.

6. G. Villa and **D. Persico**, 2004. Upper Oligocene calcareous nannofossil from ODP Leg 120 Site 748 (Kerguelen Plateau): biostratigraphy and paleoecological implications (Poster). European Geophysical Society, XXIX General Assembly, Nizza, France.
7. **D. Persico**, L. Jovane, S. Palandri, G. Villa, and F. Florindo, 2005. Bio-magnetochronology and paleoenvironmental observations from a middle-upper Eocene sequence from ODP site 738, Kerguelen Plateau (Poster). Quinto Forum Italiano di Scienze della Terra –Geoitalia 2005.
8. G.Villa, C. Fioroni, **D. Persico**, S. M. Bohaty. Middle Eocene climatic optimum as recognized by calcareous nannofossils at Kerguelen Plateau, Site 748 (Poster). V Forum Italiano di Scienze della Terra – Geoitalia 2005.
9. Florindo F., Bohaty S M., Huber B.T., Jovane L., **Persico D**., Roberts A. P., Villa G., Zachos J.C 2006. Late Eocene Antarctic climate variability during the transition to a full glacial state. EGS Congress Vienna. Geophysical Research Abstracts, Vol. 8, 03824, 2006 SRef-ID: 1607-7962/gra/EGU06-A-03824.
10. **D. Persico**, G.Villa, C. Fioroni & L. Pea, 2006. Response to Eocene-Oligocene nannofossils to southern ocean temperature variation. Poster INA 11 Conference, Nebraska, Lincoln.
11. Villa G., **Persico D.**, Wise S. and Gadaleta A. 2008 Calcareous nannofossil evidence for Marine Isotopic State 31 (1 Ma) in the ANDRILL MIS Core (WESTERN Ross Sea, Antarctica) Abstract INA 12 Lyon , France.
12. Pea L., Fioroni C., **Persico D.**, Palandri S. and Villa G. 2008 Late Eocene-Late Oligocene nannofossil paleoecology at Site 1090 (Agulhas Ridge, South Atlantic) Abstract INA 12 Lyon , France.
13. **D. Persico**, 2002. Biostratigraphic and paleoclimatic implications of Calcareous Nannofossil distribution across the Eocene-Oligocene interval: LEG 119 Site 744 Hole A". Abstract. I Meeting of Environmental Micropaleontology for young Italian researchers Urbino 4-6 June 2002.
14. **D. Persico** and G. Villa, 2002. High-resolution calcareous nannofossil biostratigraphy and paleoecology from Eocene-Oligocene sediments,

Maud Rise, Weddell Sea and Kerguelen Plateau, Antarctica. Abstract. INA 9 Congress, Parma 8-14 September.

15. G. Villa, S. W. Wise, S. Palandri, **D. Persico** and G. Fontanesi, 2002. Quaternary calcareous nannofossil from periantarctic basins: paleoecological and paleoclimatic implications. Abstract. INA 9 Congress, Parma 8-14 September.
16. **D. Persico**, L. Jovane, S. Palandri, G. Villa, and F. Florindo. Bio-magnetochronology and paleoenvironmental observations from a middle-upper eocene sequence from ODP site 738, Kerguelen Plateau (presentazione). Quinto Forum Italiano di Scienze della Terra – Geoitalia 2005
17. **Persico D.**, Villa G., Fioroni C., Pea L., 2006. Response of Eocene-Oligocene nannofossils to Southern Ocean temperature variations (presentazione). Abstract. INA 11 Congress, Lincoln NE (USA).
18. **Persico D**., Villa G., Wise S.W., 2007. ANDRILL MIS: preliminary data of calcareous nannofossil analyses (presentazione). Workshop Andrill-1 Tallahassee Fl (USA)
19. Gennari R., **Persico D.**, Turco E., Villa G. (Accepted abstract). Integrated magnetobiostratigraphy at the Oligocene/Miocene transition in the southwestern Atlantic Ocean (DSDP Leg 72, Hole 516F). European Geosciences Union, General Assembly 2014, Vienna | Austria | 27 April – 02 May 2014.
20. C. Tuniz, F. Bernardini, D. Caramelli, M. Cremaschi, F. Di Vincenzo, C. Galli, G. Giacobini, E. Gigli, M. Lari, D. Lo Vetro, F. Martini, F. Muscolino, **D. Persico**, R. Poggiani Keller, A. Profico, S. Ravara, C. Ravazzi, C. Zanolli, G. Manzi (2014) (Abstract and Poster). Frontal bone of Neanderthal morphology recently discovered in the Po valley, northern Italy. Cell Symposium: Evolution of Modern Humans - From Bones to Genomes conference, March 16 - 18, 2014, Hotel Meliá, Sitges, Spain.
21. Antonio Profico, Fabio Di Vincenzo, Bernardini F., Caramelli D., Cremaschi M., Giacobini G., Martini F., **Persico D.**, Ravara S., Zanolli C., Tuniz C., Manzi G. 2015. Once in a while: the first non-modern human fossil specimen in the Po Valley (Cremona, Italy). Conference Paper, Unravelling the Palaeolithic, Oxford; 04/2015.

22. Sabol M., **Persico D.**, Troco E., 2015. Fossil record of *Panthera* cf. *pardus* from Late Pleistocene deposits of the Po River (North Italy). 21 International Cave bear Symposium The Netherland 2015. September 2015.
23. **Persico D**., Billia E.M.E., Sala B., Ravara S., 2014. The skull of *Stephanorhinus kirchbergensis* (Jager, 1839) (Mammalia, Rhinocerontidae) from Spinadesco (Cremona, Lombardia, Northern Italy): morphological analyses and Taxonomical remarks. Giornate di Paleontologia XIV edizione - Bari.
24. **Persico, 2016**. The palaeoenvironment of *Cervalces latifrons* (Johnson, 1874) from palobotanical and paleozoological analyses in the Torrente Enza continental section (Middle - Early Pleistocene, Northern Italy). XVI Riunione annuale della Società Paleontologica Italiana, Paleodays 2016, Faenza.
25. **Persico Davide**, Succo Andrea, Villa Giuliana, Storti Fabrizio, Mittempergher Silvia and Piccinini Emma, 2019. Calcareous nannofossil biostratigraphy of the External Dinarides Flysch (Vrčić-Staravasa Pag Island, Croatia): a key to an Eocene tectono-stratigraphic and paleoenvironmental interpretation. INA 17 Conference, Santos, Brazil.
26. Chiara Fioroni, Giuliana Villa, Fabio Florindo, **Davide Persico**, Luigi Jovane, Ana P. Martini de Souza, Pontus C. Lurcock, 2019. Middle Eocene to Late Oligocene climate variability: A new integrated calcareous nannofossil and magnetostratigraphic record from the equatorial Indian Ocean. INA 17 Conference, Santos, Brazil.
27. Kazuki Hoshina, Shijun Jiang, Richard W. Jordan, Francesca Lozar, Giuliana Villa, **Davide Persico**, 2019. Palaeoceanographic implications for the closure of the eastern Tethys Ocean based on calcareous nannofossils from southern Tibet. INA 17 Conference, Santos, Brazil.

Courses and seminars

2000 - Short course of Paleoceanography. P. Ziveri, S.R. Troelstra, G.M. Ganssen Dipartimento di Scienze della Terra Università di Firenze.

2001 - Course of Paleoceanography. Florida State University, Department of Geology.

2001 - Cenozoic Calcareous Nannoplankton, Prof. S.W. Wise, Florida State University, Department of Geology.

2003 - Paleoceanography: theory and field evidence. Napoli, 25 settembre- 2 ottobre.

2004 - Advanced Paleoclimate Reconstruction and Modelling Techniques. Urbino, 12-20 Luglio.

2005 - Practical Statistics for Micropaleontology. Department of Geological, Environmental and Marine Sciences of University of Trieste. 17 – 19 marzo.

2005 - Multivariate Statistics for Geological Sciences at the University of Parma. 28 – 30 settembre.

Teaching activity

2015-2016 Paleobiology (Degree course of "Scienze della Natura e dell'ambiente", I semester, 42 Hours, 6 CFU);

2016-2017 Paleobiology (Degree course of "Scienze della Natura e dell'ambiente", I semester, 42 Hours, 6 CFU);

2017-2018 Paleobiology (Degree course of "Scienze della Natura e dell'ambiente", I semester, 42 Hours, 6 CFU);

2017-2018 Naturalistic Museology, (Master's degree of "Ecologia ed etologia per la conservazione della natura", II semester, 21 Hours, 3 CFU);

2018-2019 Paleobiology (Degree course of "Scienze della Natura e dell'ambiente", I semester, 42 Hours, 6 CFU);

2018-2019 Naturalistic Museology, (Master's degree of "Ecologia ed etologia per la conservazione della natura", II semester, 21 Hours, 3 CFU);

2018-2019 Paleobiology (Degree course of "Scienze della Natura e dell'ambiente", I semester, 42 Hours, 6 CFU);

2019-2020 Naturalistic Museology, (Master's degree of "Ecologia ed etologia per la conservazione della natura", II semester, 48 Hours, 6 CFU);

2020-2021 Naturalistic Museology, (Master's degree of "Ecologia ed etologia per la conservazione della natura", I semester, 48 Hours, 6 CFU);

2020-2021 Paleobiology (Degree course of "Scienze della Natura e dell'ambiente", II semester, 42 Hours, 6 CFU);

2021-2022 Naturalistic Museology, (Master's degree of "Ecologia ed etologia per la conservazione della natura", I semester, 48 Hours, 6 CFU);

Thesis tutoring activities

2018 "Biostratigrafia a nannofossili calcarei della sezione stratigrafica Pag (Isola di Pag, Croazia)". Candidate: Marco Quarella Fossati, three-year degree, Scienze della Natura e dell'Ambiente.

2019 "Approccio scientifico alla riqualificazione della collezione didattica zoologica del Dipartimento SCVSA dell'Università di Parma". Candidate: Valentina Catelli, master's degree, Ecologia e Etologia per la Conservazione della Natura;

2019 "Riqualifica di una collezione zoologica didattica". Candidate: Beatrice Giardina, three-year degree, Scienze della Natura e dell'Ambiente.

2019 "Biostratigrafia a nannofossili calcarei della sezione stratigrafica Pag (Isola di Pag, Croazia)". Candidate: Emma Piccinini, three-year degree, Scienze della Natura e dell'Ambiente.

2020 "*Bison priscus* (Bojanus, 1827): studio biometrico comparativo di crani fossili delle alluvioni quaternarie del Fiume Po (Prov. di Cremona e di Parma)". Candidate: Pier Francesco Morandi, three-year degree, Scienze della Natura e dell'Ambiente.

2020 "Prima testimonianza fossile di Leone (*Panthera leo*, Linnaeus, 1758) dai depositi alluvionali quaternari del Fiume Po". Candidate: Martina Bozzi, three-year degree, Scienze della Natura e dell'Ambiente.

2020 "Biostratigrafia e paleoecologia a nannofossili calcarei dell'intervallo Oligocene medio - Oligocene superiore IODP leg. 378 (Oceano Pacifico meridionale)". Candidate: Beatrice Reggiani, three-year degree, Scienze della Natura e dell'Ambiente.

2020 “Biostratigrafia e paloecologia a nannofossili calcarei del passaggio Eocene- Oligocene IODP site 378 (Oceano Pacifico meridionale)”. Candidate: Nicole Rossi, three-year degree, Scienze della Natura e dell’Ambiente.

2020 “Biostratigrafia e paloecologia a nannofossili calcarei dell’intervallo Eocene medio- Eocene superiore IODP site 378 (Oceano Pacifico meridionale)”. Candidate: Polo Federica, three-year degree, Scienze della Natura e dell’Ambiente.

2020 “Biostratigrafia a nannofossili calcarei della sezione stratigrafica Pag (Isola di Pag, Croazia)”. Candidate: Gabriele Testa, three-year degree, Scienze della Natura e dell’Ambiente.

2020 “Valutazione della possibile correlazione tra la datazione geocronologica e il grado di mineralizzazione nei fossili delle alluvioni del Po”. Candidate: Matteo Chiari, three-year degree, Scienze della Natura e dell’Ambiente.

2021 “Dispersione fluviale dei mammiferi fossili delle alluvioni quaternarie del Po: indagine paleontologica, tafonomica e sedimentologica (Province di Cremona, Piacenza e Parma)”. Candidate: Barbara Scarpellini, master's degree, Ecologia e Etologia per la Conservazione della Natura.

Other activities related to teaching

2018-2019 Member of the Doctoral College in Earth Sciences;

2019-2020 Member of the Doctoral College in Earth Sciences;

2020-2021 Member of the Doctoral College in Earth Sciences;

2021-2022 Member of the Doctoral College in Earth Sciences;

2020-2021 Coordinator of PLS of “Scienze della Natura e dell’Ambiente”.

2021 Guarantor of the degree cours “Scienze della Natura e dell’Ambiente”.

Public Engagement Activities

2018 - Organization of the scientific conference Darwin Day 2018: The Wolf of Darwin, in collaboration with the Paleoanthropological Museum of the Po in San Daniele Po (CR).

2018-2021 - Realization of the scientific tourism project called Fossili in città - Urban Paleontology of the City of Parma. Project funded by the Cariparma Foundation, University of Parma and the Paleoanthropological Museum of the Po in San Daniele Po (CR).

24 September 2018 - City Guide for "Notte dei ricercatori 2018" Urban Paleontology of the City of Parma.

2019 - Organization of the Darwin Day 2019 event: Darwin Day in Classic, in collaboration with the Paleoanthropological Museum of the Po in San Daniele Po (CR).

1 April 2019 - Presentation of the book “Il Lupo del Po” at the Studio 1 television channel, Cremona.

5 November 2019 - Participation at the television program “Gaia, il libro della Terra” Telecolor Channel, local broadcaster of Cremona.

17 December 2019 - Participation in the television program “Punto e a capo” from Studio 1, a local broadcaster of Cremona.

January – February 2020 - Cycle of Paleobiology lessons at the Roccabianca (PR) School as part of a collaboration project with the educational direction of San Secondo (PR).

11 February 2020 - Participation in the Telecolor newscast, a local Cremona broadcaster, in the presentation of the book “Storie Naturali”.

15 May 2020 – Presentation of the books “Storie Naturali and “Il Lupo del Po” in the Green Box television broadcast by Telecolor, Cremona.

28 April 2021 - Participation in the television program “Rebelot” by Telecolor, a local broadcaster in Cremona on the biodiversity of the floodplain and the paleobiology of the Po Valley.

15 April 2020 - Participation in the “Mantova Scienza festival” for the presentation of the book “Storie Naturali” (Paleobiology).

20 April 2021 - Participation in the newscast of TV Parma for the presentation of the publication: “First fossil record of cave lion (Panthera (Leo) spelaea intermedia) from alluvial deposits of the Po River in northern Italy”.

From May 2021 - Member of the UNIPR Working / Interest Group for the UNESCO MaB Reserve "Po Grande"

November 2021 - Lecturer at the 1st level University Master in Scientific Communication on the theme of "The conservation of nature" of University of Parma.

Awards

2002 - International Nannoplankton Association Conference (INA 9), Parma: Best talk

2009 - National Science Foundation: 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”.