

CURRICULUM VITAE di:

Nominativo	Mariano Parente
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Posizione accademica

Macrosettore:	04/A
Settore Concorsuale:	04/A2
Settore Scientifico Disciplinare:	Geo02
Qualifica:	PO
Anzianità nel ruolo:	1/4/2019
Sede Universitaria:	Università degli Studi di Napoli Federico II
Struttura di appartenenza (dipartimento o altro)	Dip. di Scienze della Terra, dell'Ambiente e delle Risorse

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
2015-2019	PA	Università degli Studi di Napoli Federico II
2000-2015	RU	Università degli Studi di Napoli Federico II

Pubblicazioni Scientifiche (ultimi 10 anni)

n. progr.	anno	Descrizione pubblicazione
1	2024	Erba, E. and Parente, M. , 2024. The resilience of Tethyan planktonic and benthic calcifying algae to Early Cretaceous perturbations: comparison between the Valanginian Weissert Event and the early Aptian Oceanic Anoxic Event 1a. In: Hart, M. B., Batenburg, S. J., Huber, B. T., Price, G. D., Thibault, N., Wapreigh, M. and Walaszczyk, I. (eds) – Cretaceous Project 200 Volume 2: Regional Studies. Geological Society, London, Special Publications, 545, https://doi.org/10.1144/SP545-2023-125

2	2024	Hosseini, S., Parente, M. , Morsalnejad, D., Reza Asnafi, M. R., Shafiezzad, M., Akhtari, M., Hemmatinasab, M., Parandavar, M., 2024. First record of <i>Reticulinella? kaeveri</i> in the Laffan and Ilam formations (Zagros fold and thrust belt, SW Iran): new constraints on the chronostratigraphic calibration of the Arabian Plate sequence stratigraphy. <i>Cretaceous Research</i> , 157, 105821. https://doi.org/10.1016/j.cretres.2023.105821
3	2023	Amodio, S., Barattolo F., Parente, M. , 2023. The Early Cretaceous C-isotope record of shallow-marine carbonates: a transect across southern Alps, Apennines and Dinarides. <i>Rendiconti online della Società Geologica Italiana</i> , 59, 28-34. https://doi.org/10.3301/ROL.2023.05
4	2023	Tavani, S., Ogata, K., Vinci, F., Sabbatino, M., Kylander-Clark, A., Caterino, G., Buglione, A., Cibelli, A., Maresca, A., Iacopini, D., Parente, M. , Iannace, A., 2023. Post-rift Aptian-Cenomanian extension in Adria, insight from the km-scale Positano-Vico equense syn-sedimentary fault. <i>Journal of Structural Geology</i> , 168. https://doi.org/10.1016/j.jsg.2023.104820
5	2023	Steuber, T., Löser, H., Mutterlose, J., Parente, M. , 2023. Biogeodynamics of Cretaceous marine carbonate production. <i>Earth-Science Reviews</i> , 2023, 238, 104341. https://doi.org/10.1016/j.earscirev.2023.104341
6	2023	Parente, M. , Amodio, S., Iannace, A., Sabbatino, M., 2023. Stratigraphy and facies of the Apennine Carbonate Platform (southern Italy): the record of Mesozoic OAEs and Miocene transgression. <i>Geological Field Trips and Maps</i> , 2022, 14(2.3). https://doi.org/10.3301/GFT.2022.06
7	2022	Schilirò, L., Robiati, C., Smeraglia L., Vinci, F., Iannace, A., Parente, M. , Tavani, S., 2022. An integrated approach for the reconstruction of rockfall scenarios from UAV and satellite-based data in the Sorrento Peninsula (southern Italy). <i>Engineering Geology</i> , 308, 106795. https://doi.org/10.1016/j.enggeo.2022.106795
8	2021	Sabbatino, M.*, Vitale, S., Tavani, S., Ogata, K., Corradetti, A., Consorti, L., Arienzo, I., Cipriani, A., Parente, M. , 2021. Forebulge migration in the foreland basin system of the central-southern Apennine fold-thrust belt (Italy): new high-resolution Sr-isotope dating constraints. <i>Basin Research</i> . https://doi.org/10.1111/bre.12587
9	2021	Camanni, G., Vinci, F., Tavani, S., Ferrandino, V., Mazzoli, S., Corradetti, A., Parente M. , Iannace, A., 2021. Fracture density variations within a reservoir-scale normal fault zone: A case study from shallow-water carbonates of southern Italy. <i>Journal of Structural Geology</i> , 151, 104432. https://doi.org/10.1016/j.jsg.2021.104432
10	2021	Tavani, S., Granado, P., Corradetti, A., Camanni, G., Vignaroli, G., Manatschal, G., Mazzoli, S., Muñoz, J.A., Parente, M. , 2021. Rift inheritance controls the switch from thin- to thick-skinned thrusting and basal décollement re-localization at the subduction-to-collision

		transition. <i>Geological Society of America Bulletin</i> . https://doi.org/10.1130/B35800.1
11	2020	Tavani, S., Corradetti, A., Vinci, F., Parente, M. , Mazzoli, S., Morsalnejad, D., Iannace, A., 2020. Virtual geological mapping in the Lurestan region of the Zagros (NW Iran) with Google Earth. <i>Geol. Field Trips Maps</i> , Vol.12 No.2.1 https://doi.org/10.3301/GFT.2020.03
12	2020	Consorti, L., Sabbatino, M. & Parente, M. , 2020. Insights on the paleoecology of Ammonia (Foraminifera, Rotalioidea) from Miocene carbonates of central and southern Apennines (Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 110105. https://doi.org/10.1016/j.palaeo.2020.110105
13	2020	Tavani, S., Corradetti, A., Vinci, F., Parente, M. , Mazzoli, S., Morsalnejad, D., Iannace, A., 2020. Virtual geological mapping in the Lurestan region of the Zagros (NW Iran) with Google Earth. <i>Geol. Field Trips Maps</i> , Vol.12 No.2.1 https://doi.org/10.3301/GFT.2020.03
14	2020	Sabbatino, M.*, Vitale, S., Tavani, S., Consorti, L., Corradetti, A., Cipriani, A., Arienzo, I., Parente, M. , 2020. Constraining the onset of flexural subsidence and peripheral bulge extension in the Miocene foreland of the southern Apennines (Italy) by Sr-isotope stratigraphy. <i>Sedimentary Geology</i> , 105634. http://doi.org/10.1016/j.sedgeo.2020.105634
15	2020	Giulia Bosio, G., Malinverno, E., Collareta, A., Di Celma, C., Gioncada, A., Parente, M. , Berra, F., Marx, F.G., Vertino, A., Urbina, M., Bianucci, G., 2020. Strontium Isotope Stratigraphy and the thermophilic fossil fauna from the middle Miocene of the East Pisco Basin (Peru). <i>Journal of South American Earth Sciences</i> , 97, https://doi.org/10.1016/j.jsames.2019.102399
16	2019	Massaro, L., Corradetti, A.; Tramparulo, F.D.; Vitale, S., Prinzi, E.P., Iannace, A., Parente, M., Invernizzi, C., Morsalnejad, D., Mazzoli, S., 2019. Discrete Fracture Network Modelling in Triassic–Jurassic Carbonates of NW Lurestan, Zagros Fold-and-Thrust Belt, Iran. <i>Geosciences</i> , 9 (12), 496. https://doi.org/10.3390/geosciences9120496
17	2019	Parente, M. , Less, G., 2019. Nummulitids, Lepidocyclinids and strontium isotope stratigraphy of the Porto Badisco Calcarene (Salento Peninsula, southern Italy). Implications for the biostratigraphy and paleobiogeography of Oligocene Larger Benthic Foraminifera. <i>Italian Journal of Geosciences</i> , 138, 239–261. https://doi.org/10.3301/IJG.2019.04
18	2019	Villalonga, R., Boix, C., Frijia, G., Parente, M. , Bernaus, J.M., Caus, E., 2019. Larger foraminifera and Strontium isotope stratigraphy of middle Campanian shallow-water lagoonal facies of the Pyrenean Basin (NE Spain). <i>Facies</i> , 65: 20. https://doi.org/10.1007/s10347-019-0565-4
19	2019	Robles-Salcedo, R., Vicedo, V., Parente, M. , Caus, E., 2019. <i>Canalispina iapygia</i> gen. et sp. nov.: the last Siderolitidae Finlay, 1939 (Foraminifera) from the upper Maastrichtian of southern Italy. <i>Cretaceous Research</i> , 98, 84–94. https://doi.org/10.1016/j.cretres.2019.01.009
20	2019	Tavani S., Corradetti A., De Matteis M., Iannace A., Mazzoli S., Parente M. , 2019. Early-orogenic deformation in the Ionian zone of the Hellenides: Effects of slab retreat and arching on stress building.

		Journal of Structural Geology, 124, 168–181. https://doi.org/10.1016/j.jsg.2019.04.012
21	2018	Tavani, S., Parente, M. , Vitale, S., Iannace, A., Corradetti, A., Bottini, C., Morsalnejad, D., Mazzoli, S., 2018. Early Jurassic rifting of the Arabian passive continental margin of the Neo-Tethys. Field evidence from the Lurestan region of the Zagros fold-and-thrust belt, Iran. Tectonics, 37, 2586–2607. https://doi.org/10.1029/2018TC005192
22	2018	Tavani, S., Parente, M. , Puzone, F., Corradetti, A., Gharabeigli, G., Valinejad, M., Morsalnejad, D., and Mazzoli, S., 2018. The seismogenic fault system of the 2017 M_w 7.3 Iran-Iraq earthquake: constraints from surface and subsurface data, cross-section balancing and restoration, Solid Earth, 9, 821–831. https://doi.org/10.5194/se-2018-21
23	2018	György Less, G., Frijia, G., Özcan, E., Saraswati, P.K., Parente, M. , Kumar, P., 2018. Nummulitids, lepidocyclinids and Sr-isotope data from the Oligocene of Kutch (western India) with chronostratigraphic and paleobiogeographic evaluations. Geodinamica Acta, 30 (1), 183–211. https://doi.org/10.1080/09853111.2018.1465214
24	2018	Massaro, L., Corradetti, A., Vinci, F., Tavani, S., Iannace, A., Parente, M. , & Mazzoli, S., 2018. Multiscale fracture analysis in a reservoir-scale carbonate platform exposure (Sorrento peninsula, Italy): implications for fluid flow. Geofluids, 2018(10), 1–10. https://doi.org/10.1155/2018/7526425
25	2018	Benedetti, A., Less, G., Parente, M. , Pignatti, J., Cahuzac, B., Torres-Silva, A.I., Buhl, D., 2018. <i>Heterostegina matteuccii</i> sp. nov. (Foraminifera: Nummulitidae) from the lower Oligocene of Sicily and Aquitaine: a possible transatlantic immigrant. Journal of Systematic Palaeontology, 16 (2), 87–110, https://doi.org/10.1080/14772019.2016.1272009
26	2018	Posenato, R., Bassi, D., Trecalli, A., & Parente, M. , 2018. Taphonomy and evolution of Lower Jurassic lithiotid bivalve accumulations in the Apennine Carbonate Platform (southern Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 489, 261–271. https://doi.org/10.1016/j.palaeo.2017.10.017
27	2018	Corradetti, A., Tavani, S., Parente, M. , Iannace, A., Vinci, F., Pirmez, C., Torrieri, S., Giorgioni, M., Pignalosa, A., Mazzoli, S., 2018. Distribution and arrest of vertical through-going joints in a seismic-scale carbonate platform exposure (Sorrento peninsula, Italy): insights from integrating field survey and digital outcrop model. Journal of Structural Geology, 108, 121–136. https://doi.org/10.1016/j.jsg.2017.09.009
28	2017	Cruz-Abad, E., Consorti, L., Di Lucia, M., Parente, M. , Caus, E., 2017. Fissumella motolae n. gen. n. sp., a new soritoidean (Foraminifera) from the lowermost Albian carbonate platform facies of central and southern Italy. Cretaceous Research 78, 1–7, https://doi.org/10.1016/j.cretres.2017.05.024
29	2017	Amoroso, O., Russo, G., De Landro, G., Zollo, A., Garambois, S., Mazzoli, S., Parente, M. , and Virieux, J., 2017. From Velocity and Attenuation Tomographies to Rock Physical Modeling: Inferences on fluid-driven earthquake processes at the Irpinia fault system in

		Southern Italy. Geophys. Res. Lett., 44, 6752–6760, https://doi.org/10.1002/2016GL072346
30	2017	Rustichelli, A., Iannace, A., Tondi, E., Di Celma, C., Cilona, A., Giorgioni, M., Parente, M. , Girundo, M. and Invernizzi, C., 2017. Fault-controlled dolomite bodies as palaeotectonic indicators and geofluid reservoirs: New insights from Gargano Promontory outcrops. Sedimentology, 64, 1871–1900, https://doi.org/10.1111/sed.12378
31	2017	Vinci, F., Iannace, A., Parente, M. , Pirmez, C., Torrieri, S., & Giorgioni, M., 2017. Early dolomitization in the Lower Cretaceous shallow-water carbonates of Southern Apennines (Italy): Clues about palaeoclimatic fluctuations in western Tethys. Sedimentary Geology 362: 17–36. https://doi.org/10.1016/j.sedgeo.2017.10.007
32	2016	Giorgioni M., Iannace A., D'Amore, M., Dati, F., Galluccio L., Guerriero V., Mazzoli S., Parente, M. , Strauss, C., Vitale, S., 2016. Impact of early dolomitization on multi-scale petrophysical heterogeneities and fracture intensity of low-porosity platform carbonates (Albian-Cenomanian, southern Apennines, Italy). Marine and Petroleum Geology, 73, 462–478. https://doi.org/10.1016/j.marpetgeo.2016.03.011
33	2016	Tavani, S., Vitale, S., Grifa, C., Iannace, A., Parente, M. , Mazzoli, S., 2016. Introducing dolomite seams: hybrid compaction-solution bands in dolomitic limestones. Terra Nova, 28, 195–201. https://doi.org/10.1111/ter.12210
34	2016	Arriaga, M. E., Frijia, G., Parente, M. , Caus, E., 2016. Benthic foraminifera in the aftermath of the Cenomanian-Turonian boundary extinction event in the carbonate platform facies of the southern Apennines (Italy). Journal of Foraminiferal Research, 46, 9–24
35	2016	Schlagintweit, F., Frijia, G., Parente, M. , 2016. <i>Sarmentofascis zamparelliae</i> n. sp., a new demosponge from the lower Campanian of southern Italy. Cretaceous Research, 57, 157–164. https://doi.org/10.1016/j.cretres.2015.07.018
36	2016	Caus, E. Frijia, G., Parente, M. , Robles-Salcedo, R., Villalonga, R., 2016. Constraining the age of the last marine sediments in the Late Cretaceous of central south Pyrenees (NE Spain): Insights from larger benthic foraminifera and strontium isotope stratigraphy. Cretaceous Research, 57, 402–416. https://doi.org/10.1016/j.cretres.2015.05.012
37	2015	Lechler, M., Pogge von Strandmann, P.A.E., Jenkyns, H.C., Prosser, G., Parente, M. , 2015. Lithium-isotope evidence for enhanced silicate weathering during OAE 1a (Early Aptian Selli event). Earth and Planetary Science Letters, 432, 210–222. https://doi.org/10.1016/j.epsl.2015.09.052
38	2015	Föllmi, K.B., Hofmann, H., Chiaradia, M., de Kaenel, E., Frijia, G., Parente, M. , 2015. Miocene phosphate-rich sediments in Salento (southern Italy). Sedimentary Geology, 327, 55–71. https://doi.org/10.1016/j.sedgeo.2015.07.009
39	2015	Tavani, S., Vignaroli, G., Parente M. , 2015. Transverse vs longitudinal extension in the foredeep-peripheral bulge system: role of Cretaceous structural inheritances during Early Miocene extensional faulting in inner central Apennines Belt. Tectonics, 34, 1412–1430. https://doi.org/10.1002/2015TC003836

40	2015	Frijia, G., Di Lucia, M., Parente, M. , Mutti, M., 2015. Carbon and Strontium isotope stratigraphy of the Upper Cretaceous (Cenomanian-Campanian) shallow-water carbonates of southern Italy: chronostratigraphic calibration of larger foraminifera biostratigraphy. <i>Cretaceous Research</i> , 53, 110–139. https://doi.org/10.1016/j.cretres.2014.11.002
41	2014	Albrich, S., Frijia, G., Parente M. , Caus, E., 2014. The evolution of the earliest representatives of the genus <i>Orbitoides</i> : implications for Late Cretaceous biostratigraphy. <i>Cretaceous Research</i> , 51, 22–34. https://doi.org/10.1016/j.cretres.2014.04.013
42	2014	Iannace, A., Frijia, G., Galluccio, L., Parente, M. , 2014. Facies and early dolomitization in Upper Albian shallow-water carbonates of the southern Apennines (Italy): palaeotectonic and palaeoclimatic implications. <i>Facies</i> , 60, 169–194. https://doi.org/10.1007/s10347-013-0362-4
		<i>Una lista completa delle pubblicazioni e gli indicatori bibliometrici sono disponibili a questo link:</i> https://www.scopus.com/authid/detail.uri?authorId=7003880309

Titoli ¹

- **Responsabilità scientifica generale o di unità (work package, unità nazionale nei progetti europei o locale in quelli nazionali ecc.) per progetti di ricerca internazionali e nazionali ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari:**
 - 2019-2023. Responsabile di unità locale (Univ. di Napoli Federico II) per il progetto PRIN 2017 “Biota resilience to global change: biomineralization of planktic and benthic calcifiers in the past, present and future. PI: Prof. Elisabetta Erba, Università di Milano.
 - 2017-2018. Responsabile scientifico del progetto di ricerca di Ateneo “Sr-isotope stratigraphy and structural analysis of the Miocene shallow-water carbonates sealing the forebulge unconformity in the central-southern Apennine”.
 - 2013-2015. Responsabile di unità locale (Univ. di Napoli Federico II) per il progetto “The Late Cretaceous Global Community maturation Cycle: tempo and mode of larger foraminifera evolution and their relations with climate and sea-level changes. PI: Prof. Esmeralda Caus, Universidad Autonoma de Barcelona.
 - 2013-2016. Responsabile di unità locale (Univ. di Napoli Federico II) per il progetto PRIN 2011 “CO₂ excess in the geological record: biotic response to hyperthermals and ocean acidification”. PI: Prof. Elisabetta Erba, Università di Milano.
 - 2012–2014. Responsabile di unità locale (Univ. di Napoli Federico II) per il progetto “Case-studies for Sr-isotope-ratio-based numerical dating of Senonian and Oligocene- Miocene geological events in the Western Tethys and adjacent seas. PI: Prof. Gyorgy Less, University of Miskolc (Hungary).
 - 2009–2011. Responsabile di unità locale (Univ. di Napoli Federico II) per il progetto “Patterns of survival and recovery of Larger Foraminifera after the mass extinction of the Cenomanian-Turonian boundary (CTB)”. PI: Prof. Esmeralda Caus, Universidad Autonoma de Barcelona (Spain).
 - 2007–2009. Responsabile di unità locale (Univ. di Napoli Federico II) per il progetto “Upper Cretaceous Larger Foraminifera biozonation (KSBZ) and its correlation with pelagic organisms and isotope stratigraphy: a high-resolution tool in reconstructing palaeobiogeography, palaeoceanography and palaeoclimatology”. PI: Prof. Esmeralda Caus, Universidad Autonoma de Barcelona (Spain).

¹ In via esemplificativa sono indicate alcune voci

- **Partecipazione al collegio dei docenti nell'ambito di dottorati di ricerca accreditati dal Ministero:**
 - 2010-2024 Dottorato di Ricerca in Scienze della Terra dell'Università di Napoli Federico II
- **partecipazione come relatore a convegni di carattere scientifico nazionali o internazionali:**
 - Co-chair of the AAPG Europe Meeting “Carbonate Reservoirs and Sequences: the challenge continues”, Naples 22-23 June 2022.
 - Head of the Organizing Committee of the 88th Congress of the Italian Geological Society, Napoli 7-9 September 2016. Co-Convener of Session S17. Dynamics of carbonate systems: from facies analysis to global changes
 - Co-chair of the AAPG Europe Meeting “Exploring and Exploiting Carbonate Reservoirs”, Bari 26-27 April 2016.
 - Co-chair of the AAPG Europe Meeting “Mesozoic and Cenozoic carbonates of the Neo-Tethys: old and new concepts for petroleum exploration”, Naples 25-26 March 2014.
 - Chair of the International Meeting “Geology and paleontology of the peri-adriatic area. A Tribute to Rajka Radoicic, 5-6 May 2006, Napoli.
 - Convener and co-convener of sessions on stratigraphy and sedimentology of carbonate platforms, on the record of Oceanic Anoxic Events and on integrated stratigraphy at several international meetings, including EGU and IAS.
- **Altri titoli che contribuiscano a una migliore definizione del profilo scientifico:**

Partecipazione a progetti di ricerca:

 - 2006-2020: Shell Italia/Exploration & Production. Several projects on the stratigraphy, facies, diagenesis, petrophysics and fracture distribution in middle Cretaceous dolomitized carbonates of the southern Apennines as surface analogues of the Val d'Agri and Tempa Rossa reservoir (Basilicata, southern Italy).
 - 2012: Petroceltic Italia. Study of a surface analogue of the dolomitized reservoir of the Elsa prospect. Stratigraphy, facies and diagenesis of cores and thin sections of the Elsa 1 well (south Adriatic offshore, southern Italy).
 - 2015-2018: Edison/Exploration & Production. Integrated study of petroleum systems in Mediterranean-Middle East fold and thrust belts.
 - 2016-2017: Edison/Exploration & Production. An integrated study of petroleum systems and hydrocarbon potential of Triassic-Jurassic successions in the Zagros Mountains of the Lurestan Area, W-NW Iran
 - 2016-2017: Hellenic Petroleum and Edison/Exploration & Production. An integrated study of the potential reservoir rocks of the Ionian zone of the Hellenides (western Greece).
 - 2020-2023: Eni S.p.A. Valori di fondo geochimico naturale nelle matrici solide superficiali (sedimenti e suoli) e nelle acque sotterranee della parte bassa dei bacini dei fiumi Basento e Cavone.
 - 2021-2022: Microbial impact on geochemistry and petrophysics during the storage of Hydrogen in depleted gas reservoirs. PI: Prof. Donato Giovannelli, University of Naples Federico II. Funded by Eni S.p.A.
 - 2023-2026: SHINE - Safe underground Hydrogen storage IN porous subsurface rEservoirs. Coordinatore: Prof. David Iacopini, University of Naples Federico II. Funded by the European Community under the program HORIZON-MSCA-2021-DN-01

data

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10 Giugno 2024