



SARA SATOLLI

RESUME

Structural Geologist

HIGHER EDUCATION

University of Chieti-Pescara (Italy)

November 2003 – February 2007

Ph.D. in Geology and Evolution of the Lithosphere

EMPLOYMENT

Associate Professor - University of Chieti-Pescara (Italy)

October 2018 – present

Research in paleomagnetism, marine geology, and structural geology; teaching; outreach.

TEACHING

- Marine Geology
 - Structural geology and Rock Mechanics
 - Practical class in Structural Geology
 - Geological field trips
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RESEARCH GRANTS

Research Unit Coordinator

PRIN 2017 (2019 – 2021, 36 m): “A new global volcanic-driven carbon cycle perturbation at the Norian/Rhaetian Boundary, Late Triassic”

Principal Investigator

FIRB 2008 (2010 – 2015, 54 m) “Paleomagnetic investigations of the Adria/Africa plate: magnetostratigraphy, tectonic rotations and plate motion reconstruction”

FIELD OF RESEARCH

Paleomagnetism, structural geology, marine geology, active tectonic, tectonic rotations, apparent and true polar wander path, magnetic stratigraphy, magnetic mineralogy, anisotropy of magnetic susceptibility.

CURRENT RESEARCH TOPICS

- Tsunamigenic slip in the Japan trench (IODP Expedition 405)
- Magnetization events in rifted margins (IODP Expeditions 368/368X and 384/395/395C)
- Anisotropy of magnetic susceptibility to determine contourites (IODP Expeditions 384/395/395C)
- Paleomagnetic constrains in active tectonic basins (MEME ICDP workshop)
- Anisotropy of magnetic susceptibility from shear zones

Passionate scientist with interests in Paleomagnetism, Structural Geology, and Marine Geology. Organised and pragmatic approach in coordination of multi-cultural and cross-disciplinary groups for scientific research. Proven financial acumen and ability to attract resources and collect funding. Interest in promoting diversity, equity, and inclusion.

Skills: ability to multitask, hard worker, focused on the objectives, critical thinker.

CONTACTS

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WoS ResearcherID: E-1109-2011

Scopus Author identifier: 55934089300

METRICS OVERVIEW

Google scholar: Total times cited: 1259;

H-index: 19, i10-index: 29

Scopus: Publications: 56; Total times

cited: 972; Citations by documents: 695;

H-index: 13

Web of Science: Publications: 32; Total

times cited: 733; Citing articles: 565; H-

index: 12

LANGUAGES

Italian ●●●●●
English ●●●●
French ●●

INTERESTS

Traveling, Hiking, Reading

SARA SATOLLI

CURRICULUM VITAE

EDUCATION AND PROFESSIONAL QUALIFICATIONS

Italian Ministry of Research and Public Instruction

2021 National Scientific Qualification for Full Professor in Structural Geology (scientific qualification awarded to scholars holding the requisites to function as full professor in Italian Universities; validity: 10/06/2021-10/06/2033)

University of Chieti-Pescara (Italy)

2007 Qualification to practice as a geologist

2007 Ph.D. in Geology and Evolution of the Lithosphere, full marks. Dissertation: "Paleomagnetic analysis in the Apennines (Italy): tectonic rotations, magnetic stratigraphy and Apparent Polar Wander Path" (15 Feb 2007); evaluation: excellent

2003 MSc in Earth Science, with Honors (22 Oct 2003)

EMPLOYMENT

Department of Engineering and Geology, University of Chieti-Pescara (Italy)

2018 – present Associate Professor in Structural Geology (since 01 October 2018)

2015 – 2018 Senior Researcher (01 October 2015 – 30 September 2018)

2015 Collaborator (02 February 2015 – 31 May 2015)

2010 – 2014 Researcher (01 December 2010 – 30 November 2014)

Dept. of Geotechnologies for Environment and Territory, University of Chieti-Pescara (Italy)

2010 Research Associate (April 2010 – November 2010)

Department of Earth Science, University of Chieti-Pescara (Italy)

2009 – 2010 Research Associate (April 2009-March 2010)

Institut de Physique du Globe of Paris (France)

2008 – 2009 Research and Teaching Associate (ATER) (October 2008-March 2009)

TEACHING EXPERIENCES

Geological Sciences, New Mexico State University, Las Cruces (New Mexico)

Fall 2025 GEOL-470 Structural Geology

School of Earth Science, University of Chieti-Pescara (Italy)

2024 – 2025 Geologia Marina (Marine Geology, Msc)

2024 – 2025 Rilevamento strutturale e geomeccanico (Structural Geology and Rock mechanics, Msc)

2015 – 2020 Practical class in Structural Geology (BSc)

2015 – 2021 Structural Geology Field trip (4 d) (BSc)

School of Earth and Planetary Science, University of Chieti-Pescara (Italy)

2017 – 2021 Geological field trip on the Dolomites (6 d) (Msc)

Paris VII University, France

- 2008 – 2009 Cartography Stage L3 at Montpellier (10 d)
2009 Cartography Stage M1 (10 d)

RESEARCH GRANTS/FUNDINGS

Awarded:

- 2024 – present Participation to IODP Expedition 405, editorial and post-cruise meetings, funded by IODP-Italy
- 2023 – present Member of Project PRIN PNRR: “Geological stoRagE of hydrogEn and carboN: clean and efficient monitoring methods (GREEN)”
- 2020 – 2026 Participation to IODP Expeditions 395C/395, editorial and post-cruise meetings, funded by IODP-Italy
- 2019 – 2024 Research Unit Coordinator of Project PRIN 2017 #2017W2MARE (36 months): “A new global volcanic-driven carbon cycle perturbation at the Norian/Rhaetian Boundary, Late Triassic”, funded by the Italian Department for University Research and Education
- 2017 – 2019 Participation to IODP Expeditions 368/368X, editorial and post-cruise meetings, funded by IODP-Italy
- 2017 FFARB (Finanziamento annuale delle attività di ricerca di base)
- 2010 – 2015 Principal Investigator FIRB 2008 #RBFRO8GP57 (54 months salary grant): “Paleomagnetic investigations of the Adria/Africa plate: magnetostratigraphy, tectonic rotations and plate motion reconstruction” funded by the Italian Department for University Research and Education

SYNERGISTIC ACTIVITIES

Workshops

- 2023 ICDP workshop: “The Fucino sedimentary succession – the longest and continuous terrestrial archive in the MEditerranean area recording the last five Million years the Earth system history (MEME)”, Gioia dei Marsi (L’Aquila, Italy), October 24 -27, 2023

Co-Guest Editor

- 2020 Frontiers on Earth Science: Advances in magnetism of Soils and Sediments

Session Convener/co-Convener

- 2023 AGU Fall meeting: Past Insights and Recent Advances in Paleomagnetism from the Study of Cores Collected by the International Ocean Discovery Program (IODP) Research Vessel *JOIDES Resolution* (Convener: S. Satolli; Co-conveners: G. Acton, M. Kars, D. Dwyer)
- 2019 AGU Fall meeting: Magnetism of sediments, soils and organisms and how they are influenced by changing geomagnetic fields and the environment (Convener: S. Satolli; Co-conveners: Y. Pan, R.I.F. Trinidad, S. P. Slotznick, E. C. Ferré., J. M. Feinberg)
- 2019 EGU General Assembly: EMRP3.8 - Short and long-term geomagnetic field variations in the past: what do we know? (Convener: E. Tema; Co-conveners: S. Panovska, F. J. Pavón-Carrasco, K. Kodama, S. Satolli)

2013 “Jack’s day - Una giornata in memoria di Giovanni Pallini” at Department of Engineering and Geology, University of Chieti-Pescara, Italy

FIELD WORK AND SEA-GOING EXPERIENCES

2024 (Oct-Dec) Pacific Ocean: IODP Expedition 405 – Tracking Tsunamigenic Slip Across the Japan Trench, Paleomagnetist (Team 2 Paleomagnetist group leader)

2023 (Jun-Aug) North Sea: IODP Expedition 395 – Reykjanes Mantle Convection and Climate – Shore based Paleomagnetist

2021 (Jun-Aug) North Sea: IODP Expedition 395C – Reykjanes Mantle Convection and Climate – Shore based Paleomagnetist

2019 (Jul) Italy: sampling for the anisotropy of magnetic susceptibility of tectonites

2019 (Feb-Mar) Argentina: Paleomagnetic sampling of the Hauterivian-Valanginian interval to reconstruct magneto- and cycle-stratigraphy

2018 (Nov) South China Sea: IODP Expedition 368X - Return to Hole U1503, Paleomagnetist

2018 (Apr) Italy: Paleomagnetic sampling of the Hauterivian-Valanginian interval to reconstruct magneto- and cyclostratigraphy

2017 (Apr-Jun) South China Sea: IODP Expedition 368 - South China Sea Rifted Margin, Paleomagnetist

2017 (Mar) Italy, Paleomagnetic sampling of Monte Serrone section for magnetic stratigraphy and rock magnetism

2011 (May-Jun) Italy: Paleomagnetic sampling of Salto del Cieco section for magnetic stratigraphy

2010 (Jan-Mar) Italy: Paleomagnetic sampling on the Olevano-Antròdoco-Sibillini thrust to reconstruct tectonic rotations

2009 (Nov-Dec) Italy: Paleomagnetic sampling in the Marche region to reconstruct tectonic rotations

2008 (Apr) South Africa: Paleomagnetic sampling of the Ordovician at Cape Town

2005 (Jun-Aug) Italy: Paleomagnetic sampling in the Umbria-Marche area for Apparent and True Polar Wander Path

2004 (Feb, Sept) Italy: Paleomagnetic sampling in the Umbria-Marche area for magnetic stratigraphy

2003 (Jun-Aug) Italy: Paleomagnetic sampling in the Gran Sasso range to reconstruct tectonic rotations

SERVICE AND OUTREACH ACTIVITIES

2012 – present Member of the Scientific Council of the Centro Interuniversitario di Magnetismo Naturale “Roberto Lanza” – Alpine Magnetic Laboratory (Italy)

2021 Member of the committee of the Italian Group of Structural Geology to assign the award to the best paper in Structural Geology to early career scientists

2021 Member of the Committee for recruiting a Junior Researcher in Structural Geology, Earth Science Department University of Naples

2015 – 2020 Responsible for outreach activities with Students and Teachers from High Schools and for planning activities to prevent University dropout, School of Earth Science at University of Chieti-Pescara.

FELLOWSHIPS

- 2007 – 2008 Post-doc funded by the City of Paris (Fellowships for foreign researchers) (November 2007 – September 2008)
- 2007 Regional fellowship for research activity in foreign structure (POR C3/IC4E) hosted at Institut de Physique du Globe of Paris, France (January-March)
- 2003 – 2006 PhD Studentship for Doctorate on “Geology and Lithosphere Evolution”, University of Chieti-Pescara
- 1999 – 2002 Studentships, University of Chieti-Pescara

VISITING POSITIONS/SABBATICALS

- 2023 – 2024 International Ocean Discovery program, Texas A&M University, College Station, TX (12 months)
- 2004 – 2006 Paleomagnetic Laboratory, Institut de Physique du Globe de Paris (7 months)
- 2003 – 2004 Paleomagnetic Laboratory, Istituto Nazionale di Geofisica e Vulcanologia of Rome (3 months)

WORKSHOPS, SHORT COURSES, PROCEEDINGS, FIELD TRIPS

- 2025, Nov EGU workshop series: From Facts to Impact
- 2025, 12-15 Aug TIMES Kick-off meeting, Washington D.C.
- 2023, 8 Jun Community workshop: Implementing JEDI in Rock Magnetism, IRM, Minneapolis, MN
- 2021, 22,24 Jun IMPACT workshop: Engaging the public
- 2021, 19,21 Jul IMPACT workshop: Informing Policy makers
- 2021, 2,4 Aug IMPACT workshop: Preparing the next generation
- 2019, 09 Dec AGU workshop: Establishing and Sustaining an Undergraduate Research Program
- 2019, 11 Dec AGU workshop: Fostering Diverse Inclusive and Equitable Communities in Geoscience Field Experiences
- 2019, 11 – 17 Sep Exp 367/368/368X post-cruise field trip: Tibetan Field Trip
- 2019, 6 – 7 Apr Proceed - Expanding frontiers of scientific ocean drilling
- 2016, 21 – 23 Aug Rock magnetic summer school (Geophysical Centre of the Royal Meteorological Institute, Dourbes, Belgium)
- 2016, 28 Jun – 02 Jul Field trip on the Dolomites: Demise and recovery of carbonate depositional systems: the interplay of climate, tectonics, and magmatism
- 2014, 29 – 31 Oct Plates and Disasters (RomaTre University)
- 2013, 2 – 12 Jun Summer school for Rock Magnetism at Institute for rock Magnetism - University of Minnesota
- 2011, 14 – 16 Jun Geochronology: dating techniques and dating methods (Ispra, Roma)

EVALUATION OF MANUSCRIPTS FOR JOURNALS AND PROPOSALS FOR AGENCIES

Manuscripts

AAPG Bulletin; Comptes Rendus Geoscience; Earth-Science Reviews; Frontiers in Earth Science; Geological Quarterly; Geophysical Journal International; Geological Society of America Bulletin; Journal of Rock Mechanics and Geotechnical Engineering; Palaeogeography, Palaeoclimatology, Palaeoecology; Earth and Planetary Science Letters; Geosciences; Newsletters on Stratigraphy; Scientific reports; Tectonics; Tectonophysics.

Funding proposals

NERC (Natural Environment Research Council)

PROFESSIONAL AFFILIATIONS

- American Geophysical Union (AGU)
- European Geosciences Union (EGU)
- Società Geologica Italiana (SGI, Italian geological society)
- Gruppo Italiano di Geologia Strutturale (GIGS, Italian group of structural geology)
- International Association for Promoting Geoethics (IAPG)
- panGea: geoscienze senza frontiera (Italian Association for women in geoscience)

PUBLICATION LIST

Refereed Articles in peer-reviewed journals

1. Kirkpatrick J. D., Savage H.M., Regalla C., Shreedharan S., Ross C., Okuda H., Nicholson U., Ujjiie K., Hackney R., Conin M., Pei P., Satolli S., Zhang J., Fulton P., Ikari M., Kodaira S., Maeda L., Okutsu N., Toczko S., Eguchi N., Expedition 405 Scientists (2026), Extreme plate boundary localization promotes shallow earthquake slip at the Japan Trench, *Science* 10.1126/science.ady0234.
2. Di Chiara A., Satolli S., Friedman S., Dwyer D., Acton G., Karatsolis B.T., Dunkley Jones T., Pearson P., Suzuki T., Briaes A., Parnell-Turner R., LeVay L., and Expedition 395 Science Party, Geomagnetic Excursions Recorded in North Atlantic IODP Expedition 395C Sites U1555 and U1563, *Geochemistry, Geophysics, Geosystems*, 26 (6), doi/10.1029/2025GC012220
3. Sinnesael M., Karatsolis B. , Pearson P., Briaes A., Hemming S., LeVay L., Cui Y., Di Chiara A., Dodd J., Dunkley Jones T., Dwyer D., Eason D., Friedman S., Hochmuth K., Ibrahim H., Jasper C., Lee S., LeBlanc D., Lindsay M., McNamara D., Modestou S., Murton B., O'Connell S., Pasquet G., Qian S., Rosenthal Y., Satolli S., Suzuki T., Thulasi T., Wade B., White N., Wu T., Yang A.Y., Parnell-Turner R. (2025), Onset of strong Iceland-Scotland Overflow Water 3.6 million years ago, *Nature Communications*, 16 (1), doi: 10.1038/s41467-025-59265-5
4. Zamani N., Satolli S., Murphy M., Demory F., Pace B., Gattacceca J., Kanuk J., Novakova M., Gottardi R., Ferré E.C. (2025) Record of seismic slip in carbonates: insights from the Venere Fault during the 1915 Avezano earthquake (Mw 7.0), Central Italy, *Journal of Structural Geology*, doi: 10.1016/j.jsg.2025.105421
5. De Mello R.G, Savian J.F., Fauth G., Florindo F., Di Chiara A., Satolli S., Roisenberg B., Leandro C.G., Frigo E., Santos A., Baecker-Fauth S., Bruno M.D.R., Guerra R.M., Krahl G., Kochhann K.G.D., Lopes F.M., Trindade R.I.F., Spagnuolo L. (2024), Paleomagnetic secular variation and relative paleointensity of the latest Aptian to middle Albian in Sergipe-Alagoas basin, South Atlantic Ocean (NE Brazil), *Geophysical Journal International*, 240, 1079-1095, doi: 10.1093/gji/ggae432
6. Giaccio B., Wagner B., Zanchetta G., Bertini A., Cavinato G.P., de Franco R., Florindo F., Hodell D., Neubauer T., Nomade S., Pereira A., Sadori L., Satolli S., Tzedakis P., Albert P., Boncio P., De Jonge C., Francke A., Heim C., Masi A., Marchegiano M., Roberts H., Noren A., and the MEME Team (2024), International Continental Scientific Drilling Program (ICDP) workshop on the Fucino paleolake project: the longest continuous terrestrial archive in the MEditerranean recording the last 5 Million years of Earth system history (MEME), *Sci. Dril.*, 33, 249–266, 2024, doi:10.5194/sd-33-249-2024
7. Rigo M., Maron M., Zaffani M., Concheri G., Satolli S., Onoue T., Sato H., Tomimatsu Y., Wu W., Du Y., Jin W., Godfrey L., Katz M.E., Tackett L.S., Thibodeau A., Lei J., Golding M., Husson J., Bertinelli A., Campbell H. (2024), Unveiling a new Oceanic Anoxic Event at the Norian/Rhaetian Boundary (Late Triassic), *Scientific reports*, 14(1), 15574, doi: 10.1038/s41598-024-66343-z
8. Maron M., Onoue T., Satolli S., Soda K., Sato H., Muttoni G., Rigo M. (2024), Weathering trends in the Norian through geochemical and rock magnetic analyses from the Pignola-Abriola Section (Lagonegro Basin, Italy), *Climate of the Past*, 20 (3), 637-658, 10.5194/cp-20-637-2024
9. Nie Y., Wu H., Satolli S., Ferré E.C., Shi M., Fang Q., Xu F., Zhang S., Li H., Yang T. (2023), Late Miocene to Present Paleoclimatic and Paleoenvironmental Evolution of the South China Sea

- Recorded in the Magneto-Cyclostratigraphy of IODP Site U1505, *Paleoceanography and Paleoclimatology*, 38 (2), doi: 10.1029/2022PA004547
10. Ferré E.C., Satolli S., Wu H., Persaud P., Cukur D., Bowden S.A. (2023), Red or green: Overprinting of the climatic signal in Miocene sediments, South China Sea (IODP Expedition 368, Site U1502), *Terranova*, 35 (6), 498-505, <https://doi.org/10.1111/ter.12670>
 11. Shi M., Wu H., Ferré E.C., Satolli S., Fang Q., Nie Y., Qin Y., Zhang S., Yang T., Li H. (2022), Middle Miocene-Pleistocene magneto-cyclostratigraphy from IODP Site U1501 in the northern South China Sea, *Frontiers in Earth Science*, doi: 10.3389/feart.2022.882617
 12. Satolli S., Ferré E.C., Kars M., Slotznick S.P., Trindade R.I.F. (2021), Editorial: Advances in magnetism of soils and sediment, in *Frontiers in Earth Science*, doi: 10.3389/feart.2021.722670
 13. Ejembi J.I., Ferré E.C., Satolli S., Friedman S.A. (2020), Post-depositional fluid flow in Jurassic sandstones of the Uncompahgre Uplift: Insights from magnetic fabrics, *Frontiers in Earth Science*, doi: 10.3389/feart.2020.601415
 14. Satolli S., Robustelli Test C., Staneczek D., Zanella E., Calamita F. Tema E. (2020), Magnetic fabric in carbonatic rocks from thrust shear zones: A study from the Northern Apennines (Italy), *Tectonophysics*, 791, 228573, doi.org/10.1016/j.tecto.2020.228573
 15. Satolli S., Agostini S., Calamita F. (2019), Behaviour of minor arcuate shapes hosted in curved fold-and-thrust belts: An example from the Northern Apennines (Italy), *Geological Magazine*, 156/9, 1547-1564, doi:10.1017/S0016756818000845
 16. Satolli S., Lanci L., Muttoni G., Di Cencio A. (2018), The Lower Toarcian Serrone Marls (Northern Apennines, Italy): A 3.5 Myr record of marl deposition in the aftermath of the T-OAE, *Palaeogeography, Palaeoclimatology, Paleoecology*, 508, 35-47, doi:10.1016/j.palaeo.2018.07.011
 17. Larsen H.C. and Exp 367/368 scientists (2018), Rapid transition from continental breakup to oceanic crust at South China Sea rifted margin, *Nature Geosciences*, 11(10), doi:10.1038/s41561-018-0198-1
 18. Satolli S., Turtù A. (2016), Early Cretaceous magnetostratigraphy of the Salto del Cieco section (Northern Apennines, Italy), *Newsletters on Stratigraphy* 48/2, 361-382, doi:10.1127/nos/2016/0076
 19. Satolli S., Turtù A., Donatelli U. (2015), Magnetostratigraphy of the Salto del Cieco section (Northern Apennines, Italy) from the Pliensbachian to Jurassic/Cretaceous boundary, *Newsletters on Stratigraphy* 48/2, 153–177, doi:10.1127/nos/2016/0076
 20. Satolli S., Pace P., Viandante M.G., Calamita F. (2014), Lateral variations in tectonic style across cross-strike discontinuities: An example from the Central Apennines belt (Italy), *International Journal of Earth Science* 103(8), 2301–2313, doi:10.1007/s00531-014-1052-3
 21. Turtù A., Satolli S., Maniscalco R., Calamita F., Speranza F. (2013), Understanding progressive-arc- and strike-slip-related rotations in curve-shaped orogenic belts: the case of the Olevano-Antrodoco-Sibillini thrust (Northern Apennines, Italy), *Journal of Geophysical Research – Solid Earth* 118 (2), 459–473, doi:10.1002/jgrb.50096
 22. Calamita F., Satolli S., Turtù A. (2012), Analysis of thrust shear zones in curved-shaped belts: Deformation mode and timing of the Olevano-Antrodoco-Sibillini thrust (Central/Northern Apennines of Italy), *Journal of Structural Geology* 44, 179–187, doi:10.1016/j.jsg.2012.07.007

23. Di Domenica A., Turtù A., Satolli S., Calamita F. (2012), Relationships between thrusts and normal faults in curved belts: New insight in the inversion tectonics of the Central-Northern Apennines (Italy), *Journal of Structural Geology* 42, 104-117, doi:10.1016/j.jsg.2012.06.008.
24. Calamita F., Pace P., Satolli S. (2012), Coexistence of fault-propagation and fault-bend folding in curve-shaped foreland fold-and-thrust belts: examples from the Northern Apennines (Italy), *Terra Nova* 24, 396–405, doi: 10.1111/j.1365-3121.2012.01079.x
25. Satolli S., Calamita F. (2012), Influence of Inversion Tectonics in the Bending of a Foreland Fold-and-Thrust Belt: The Case of the Northern Apennines (Italy), *Journal of The Virtual Explorer* 43, doi:10.3809/jvirtex.2012.00302
26. Calamita F., Satolli S., Scisciani V., Esestine P., Pace P. (2011), Contrasting styles of fault reactivation in curved orogenic belts: Examples from the Central Apennines (Italy), *Geological Society of America Bulletin*, doi:10.1130/B30276.1
27. Satolli S., Besse J., Calamita F. (2008), Paleomagnetism of Aptian-Albian sections from the Northern Apennines (Italy): Implications for the 150-100 Ma apparent polar wander of Adria and Africa, *Earth and Planetary Science Letters* 276 (1-2), 115-128, doi:10.1016/j.epsl.2008.09.013
28. Satolli S., Calamita F. (2008), Differences and similarities between the Central and the Southern Apennines (Italy): examining the Gran Sasso vs. the Matese-Frosolone salients using paleomagnetic, geological and structural data, *Journal of Geophysical Research – Solid Earth* 113, B10101, doi:10.1029/2008JB005699
29. Satolli S., Besse J., Speranza F., Calamita F. (2007), The 125-150 Ma high-resolution Apparent Polar Wander Path for Adria from magnetostratigraphic sections in Umbria Marche (Northern Apennines, Italy): timing and duration of the global Jurassic-Cretaceous hairpin turn, *Earth and Planetary Science Letters* 257 (1-2), 329-342, doi:10.1016/j.epsl.2007.03.009
30. Speranza F., Satolli S., Mattioli E., Calamita F. (2005), Magnetic stratigraphy of Kimmeridgian-Aptian sections from Umbria-Marche (Italy): New details on the M-polarity sequence, *Journal of Geophysical Research* 110, B12109, doi:10.1029/2005JB003884
31. Satolli S., Speranza F., Calamita F. (2005), Paleomagnetism of the Gran Sasso range salient (central Apennines, Italy): Pattern of orogenic rotations due to translation of a massive carbonate indenter, *Tectonics* 24 (4), TC4019, doi:10.1029/2004TC001771
32. Calamita F., Pelorosso M., Satolli S. (2003), The role of Adria Mesozoic paleomargin architecture on the Gran Sasso d'Italia orogenic system (Central Apennines), *Bollettino della Società Geologica Italiana* 122(2), 337-349

Selected proceedings and non-peer-reviewed articles

- 2025 Kodaira, S., Conin, M., Fulton, P., Kirkpatrick, J., Regalla, C., Ujiie, K., Okutsu, N., Maeda, L., Toczko, S., Eguchi, N., and the Expedition 405 Scientists, Tracking Tsunamigenic Slip Across the Japan Trench (JTRACK), Proceedings of the International Ocean Discovery Program, Volume 405, doi.org/10.14379/iodp.proc.405.2025
- 2025 Kirkpatrick, J., Regalla, C., Conin, M., Fulton, P., Ujiie, K., Kodaira, S., Okutsu, N., Maeda, L., Toczko, S., Eguchi, N., and the Expedition 405 Scientists. Expedition 405 Preliminary Report: Tracking Tsunamigenic Slip Across the Japan Trench (JTRACK). International Ocean Discovery Program. <https://doi.org/10.14379/iodp.pr.405.2025>
- 2024 Parnell-Turner R., Briais A., LeVay L. and Expedition 395 Scientists, Expedition 395 Preliminary Report: Reykjanes Mantle Convection and Climate: Mantel Dynamics, Paleoceanography and Climate Evolution in the North Atlantic Ocean, International Ocean Discovery Program, doi.org/10.14379/iodp.pr.395.2024
- 2022 Parnell-Turner R., Briais A., LeVay L. and Expedition 395 Scientists, Expedition 395C Preliminary Report: Reykjanes Mantle Convection and Climate: Crustal Objectives, International Ocean Discovery Program, doi: 10.14379/iodp.pr.395C.2022
- 2019 Childress L., and the Expedition 368X Scientists, Expedition 368X Preliminary Report: South China Sea Rifted Margin. International Ocean Discovery Program, doi:10.14379/iodp.pr.368X.2019
- 2018 Satolli S., Besse J., Chasing the Jurassic Monster: A new record from the Northern Apennines (Italy), Publications of the Institute of Geophysics, Polish Academy of Sciences: Geophysical Data Bases, Processing and Instrumentation, 423 (C-112), 131-132, doi:10.25171/InstGeophPASPubls-2018-067
- 2018 Larsen H.C., Sun Z., Stock J.M., Jian Z., Alvarez Zarikian C.A., Klaus A., and the Expedition 367/368 Scientists, Expedition 367/368 summary. In Sun Z., Jian Z., Stock J.M., Larsen H.C., Klaus A., Alvarez Zarikian C.A., and the Expedition 367/368 Scientists, South China Sea Rifted Margin. Proceedings of the International Ocean Discovery Program, 367/368: College Station, TX (International Ocean Discovery Program), doi:10.14379/iodp.proc.367368.101.2018
- 2018 Sun Z., Jian Z., Stock J.M., Larsen H.C., Klaus A., Alvarez Zarikian C.A., and the Expedition 367/368 Scientists, South China Sea Rifted Margin. Proceedings of the International Ocean Discovery Program, 367/368: College Station, TX (International Ocean Discovery Program), doi:10.14379/iodp.proc.367368.2018
- 2017 Jian Z., Larsen H.C., Alvarez Zarikian C.A., and the Expedition 368 Scientists, Expedition 368 Preliminary Report: South China Sea Rifted Margin. International Ocean Discovery Program, doi.org/10.14379/iodp.pr.368.2017

SELECTED PRESENTATIONS & PARTICIPATION TO INTERNATIONAL CONFERENCES (*denotes an invited talk)

- 2024 Satolli S., Di Chiara A., Friedman S., Dwyer D., Acton A., and the IODP Expedition 395 Science Party, Bottom ocean currents revealed by Anisotropy of Magnetic Susceptibility in the North Atlantic Ocean: Data from IODP Expeditions 384, 395C and 395 EGU General Assembly (14-19 April)

- 2023 * Satolli S., Robustelli Test C., Zanella E., Magnetic fabric in carbonate-hosted faults: examples from the Apennines (Italy), AGU Fall meeting (San Francisco, 11-15 Dec)
- 2022 Satolli S., Macrì P., Florindo F., Boncio P., Cavinato G.P., Galli P., Giaccio B., Iezzi F., Mazzini I., Messina P., Monaco L., Notaro A., Testa A, Preliminary paleomagnetic results from the Fucino lacustrine basin (Italy): Implications for the tectonic evolution of the Central Apennines 16th Castle Meeting (28 Aug - 3 Sep)
- 2021 * Satolli S., Robustelli Test C., Staneczek D., Zanella E., Calamita F. Tema E., Magnetic fabric in carbonatic rocks from thrust shear zones, EGU General Assembly (19-30 April)
- 2018 Satolli S., Besse J., Chasing the Jurassic Monster: A new record from the Northern Apennines (Italy), 16th Castle Meeting (10-16 Jun)
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