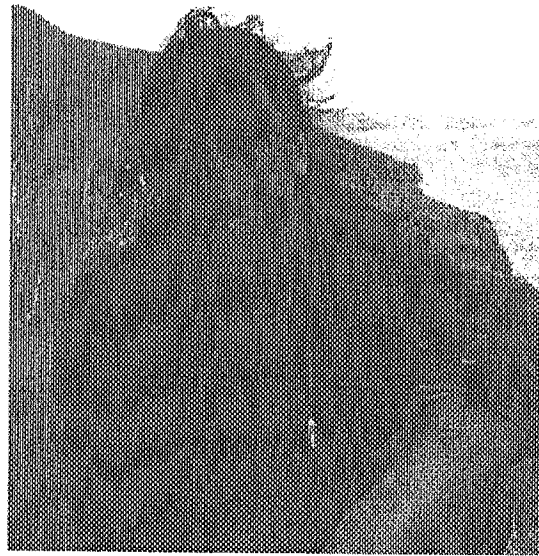


Curriculum Vitae

Marius Stoica PhD

Professor
University of Bucharest:
Faculty of Geology and Geophysics
Department of Geology



Professional Experience

- 2014 – Professor, Faculty of Geology and Geophysics, Department of Geology
- 2007 - Associate Professor, Faculty of Geology and Geophysics, Department of Geology and Palaeontology.
- 1997- 2007- Lecturer, Faculty of Geology and Geophysics, Department of Geology and Palaeontology
- 2003- PhD in Geology : Purbeckian ostracods from Southern Dobrogea (Romania)
- 1987-1992 – Engineer geologist at IPEG Oltenia (GEASOL) – geological survey and exploration site geologist
- 1982- 1987 – University of Bucharest, Faculty of Biology and Geography, Geological and Geophysical Engineering department

Competences:

- Micropalaeontology.
- Biostratigraphy (Cretaceous, Miocene, Pliocene)
- Geological Survey; Mapping; Well Site Geology.

Research experience:

- Biostratigraphy, micropalaeontology and mapping for Miocene-Pliocene deposits of Paratethys Basins: Dacian Basin-Romania, Pannonian Basin (Banat, Transylvania, Serbia), Black Sea, Taman Area –Russia, Caspian Basin – Azerbaijan , Denizli Basin-Turcia.
- Wellsite biostratigraph expert – OMV Petrom, Forest Oil International, Zeta Petroleum, Danubian Energy, ASCOM, CASP, D'Appolonia, PETRO MATAD.
- Geological field survey and biostratigraphy for Mesozoic and Neozoic – Iraq (Kurdistan Region), Azerbaijan, Russia-Taman, Serbia, Iran, Turkey (Anatolia, Denizli) China (Tarim Basin), Mongolia (East Gobi),

Professional society's membership:

- Comitetul National al Geologilor din Romania (CNGR)- General secretary from 2016
- Romanian Society of Palaeontologists (SPR)- General secretary from 2009-2011)
- Regional Committee on Mediterranean Neogene Stratigraphy (RCMNS-member in executive board) <http://www.geomare.na.cnr.it/RCMNS.html>

- Tectonic and Environmental Geology Research Centre – University of Bucharest
http://www.unibuc.ro/en/cc_ccgsab_en
- “Ion Atanasiu” Geological Society
- Romanian Geological Society
- Pro Geo Society
- Society for the Preservation of the Geological Heritage

International collaborations and research stages:

- England 1995, 1998, 2001 - University of Southampton, University College London
- Germany 1996, 2003 - University of Köln, University of Hamburg
- France 2004,2006 – IFREMER-Brest (Institut Français de Resherche pour l’Exploration de la MER),
- The Netherlands, from 2005 – Act.-University of Utrecht,
<http://www.geo.uu.nl/Research/Paleomagnetism/>

Awards:

- 2007- “Ion Simionescu Prize” of Romania Society of Paleontologists
- 2009 - “Grigore Cobalcescu Prize” of Romanian Academy

International Research Projects:

- **PRIDE - H2020-MSCA-ITN-2014-642973**, cu titlul “**Drivers of Pontocaspian biodiversity Rise and DEMise**”, Supervisor from University of Bucharest (2015-2018)
- **NWO Project-The Evolution of Paratethys: the lost sea of Eurasia**, Coord. Utrecht University, Prof. Dr. Wout Krijgsman.
- **Darius, A32. Geodynamic and paleoclimatic evolution of the Caspian Sea: Paratethys restriction during Maikop and Productive Series**, Coordinator Utrecht University, The Netherlands, Prof. Dr. C.G.Langereis. (2009-2012)
- **ESF-EUROCORES: TOPO-Europe - 4-D Topography Evolution in Europe:Uplift, Subsidence and Sea Level Change. SourceSink Project – IP 7 The post Messinian evolution of the Black Sea – quantification of sediment transport, tectonics and sediment distribution (2008-2010)**
- **ISES – Netherlands Research Centre for Integrate Solid Earths Science : Biostratigraphic and stable isotope constraints on the paleoenvironmental evolution of the Carpathian foredeep (2005-2009) - VRF project**
- **TUBITAK-106Y052 project. High resolution investigation of Miocene aged fluvial-lake deposits around Ankara (Beypazari-Çayirhan) by cyclic sedimentology, sequence stratigraphy and sedimentary geochemistry (2006-2008)**
- **ASSEMBLAGE – Assesment of the Black Sea sedimentary system since the last Glacial Extreme, EVK3 – 2002 – 00142,**
- **WASEDY - Water and Sediment Dynamics Affecting Nutrient Cycles and Greenhous Gas Emissions in the Danube Delta, SNF-ESTROMORSED**
- **INCO – COPERNICUS Programe, contract no. ERBIC 15 CT96 0108Fulxes of greenhouse gases in the nothwestern region of the Black Sea costal zone: influence on the Danube river system.**
- **UNESCO - IUGS Project 343- “Stratigraphic correlation in Peri- Tethyan Epicratonic Basins”**

Recent publications:

Papers:

2016

- Stoica, M., Krijgsman, M., Fortuin, A. & Gliozzi, E., 2015. Paratethyan ostracods in the Spanish Lago-Mare: More evidence for interbasinal exchange at high Mediterranean sea level. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 441, 854-870. <http://dx.doi.org/10.1016/j.palaeo.2015.10.034>
- Van Baak, C. G. C., Stoica, M., Grothe, A., Aliyeva, E., Krijgsman, W., 2016. Mediterranean-Paratethys connectivity during the Messinian salinity crisis: The Pontian of Azerbaijan. *Global and Planetary Change*, 141 (2016) 63–81. <http://dx.doi.org/10.1016/j.gloplacha.2016.04.005>.

2015

- Van Baak, C. G. C., Mandic, O., Lazar, I., Stoica, M. & Krijgsman, W., 2015. The Slanicul de Buzau section, a unit stratotype for the Romanian stage of the Dacian Basin (Plio-Pleistocene, Eastern Paratethys). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 440, 594–613
- Carrapa, B., DeCelles, P. G., Wang, X., Clementz, M. T., Mancin, N., Stoica, M., Kraatz, B., Meng, J., Abdulov, S. & Chen, F., 2015. Tectono - climatic implications of Eocene Paratethys regression in the Tajik basin of central Asia. *Earth and Planetary Science Letters*, 424, 168-178.
- Forte, A. M., Sumner, D. Y., Cowgill, E., Stoica, M., Murtuzayev, I., Kangarli, T., Elashvili, M., Godoladze, T., Javakhishvili, Z., 2015. Late Miocene to Pliocene stratigraphy of the Kura Basin, a subbasin of the South Caspian Basin: Implications for the diachroneity of stage boundaries. *Basin Research*, 27(3), pp. 247-271. DOI: 10.1111/bre.12069.
- De Leeuw, A., Stoica, M., and Vincent, S.J., 2015, *Late Miocene to Early Pleistocene base-level evolution in the Southeast Carpathian foredeep: Sedimentary facies development along the Slanicul de Buzau section.*: Cambridge, CASP, Black Sea Project: Northwest Black Sea Sediment Delivery 2012-2014 Report, 90 p.
- Melinte-Dobrinescu, M. C., Roban, R.D. & Stoica M., 2015. Palaeoenvironmental changes across the Albian-Cenomanian boundary interval of the Eastern Carpathians. *Cretaceous Research*, 54, 68-85. <http://dx.doi.org/10.1016/j.cretres.2014.10.010>

2014

- Bosboom, R., Dupont-Nivet, G., Grothe, A., Brinkhuis, H., Villa, G., Mandic, O., Stoica, M., Huang, W., Yang, W., Guo, Z., & Krijgsman, W., 2014. Linking Tarim Basin sea retreat (west China) and Asian aridification in the late Eocene. *Basin Research*, 26, 1-20. doi: 10.1111/bre.12054.
- Bosboom, R., Dupont-Nivet, G., Grothe, A., Brinkhuis, H., Villa, G., Mandic, O., Stoica, M., Kouwenhoven, T., Huang, W., Yang, W., Guo Z J., 2014. Timing, cause and impact of the late Eocene stepwise sea retreat from the Tarim Basin (west China). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 403, pp. 101-118. <http://dx.doi.org/10.1016/j.palaeo.2014.03.035>

- Roveri, M., Flecker, R., Krijgsman, W., Lofi, J., Lugli, S., Manzi, V., Sierro, F.J., Bertini, A., Camerlenghi, A., De Lange, G., Govers, R., Hilgen, F. J., Hubscher, C., Meijer, P. Th., Stoica, M., 2014. The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. *Marine Geology*, **352**, pp. 25-58. <http://dx.doi.org/10.1016/j.margeo.2014.02.002>
- Grothe, A., Sangiorgi, F., Mulders, Y. R., Vasiliev, I., Reichart, G-J., Brinkhuis, H., Stoica, M. & Krijgsman, W., 2014. Black Sea desiccation during the Messinian Salinity Crisis: Fact or fiction?. *Geology*, **42** (7), pp. 563-586. doi:10.1130/G35503.1.
- Forte, A. M., Sumner, D. Y., Cowgill, E., Stoica, M., Murtuzayev, I., Kangarli, T., Elashvili, M., Godoladze, T., Javakhishvili, Z., 2014. Late Miocene to Pliocene stratigraphy of the Kura Basin, a subbasin of the South Caspian Basin: Implications for the diachroneity of stage boundaries. *Basin Research*, (0), 1-25, doi:10.1111/bre.12069
- Ter Borgh, M., Stoica, M., Donselaar, M. E., Matenco, L. & Krijgsman, W., 2014. Miocene connectivity between the Central and Eastern Paratethys: Constraints from the western Dacian Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **412**, pp. 45-67. <http://dx.doi.org/10.1016/j.palaeo.2014.07.016>
- Dragstan, O. N., Antoniadu, C. & Stoica, M., 2014. Biostratigraphy and zonation of the Lower Cretaceous carbonate succession from Cernavodă -lock section, South Dobrogea, eastern part of the Moesian Platform (Romania). *Carpathian Journal of Earth and Environmental Sciences*, **9**(1), p. 231-260.
- Melinte-Dobrinescu, M. C. & Stoica, M., 2014. Badenian calcareous nannofossil fluctuation in the Eastern Carpathians: palaeoenvironmental significance. *Acta Palaeontologica Romaniaae*. V. **9**(2), p. 47-56.

2013

- Stoica, M., Lazăr, I., Krijgsman, W., Vasiliev, I., Jipa, D & Floroiu, A., 2013. Palaeoenvironmental evolution of the East Carpathian foredeep during the late Miocene – early Pliocene (Dacian Basin; Romania). *Global and Planetary Change*, **103**, 135–148. doi:10.1016/j.gloplacha.2012.04.004
- Ter Borgh, M., Vasiliev, I., Stoica, M., Knežević, S., Matenco, L., Krijgsman, W., Rundić, L. & Cloetingh, S., 2013. The isolation of the Pannonian basin (Central Paratethys): new constraints from magnetostratigraphy and biostratigraphy. *Global and Planetary change*, **103**, 99-118. <http://dx.doi.org/10.1016/j.gloplacha.2012.10.001>
- Van Baak, C.G.C. Vasiliev, I., Stoica, M., Kuiper, K. F., Forte, A. M., Aliyeva, E., Krijgsman, W. & Langereis, C. G., 2013. A magnetostratigraphic timeframe for Plio-Pleistocene transgressions in the South Caspian Basin, Azerbaijan. *Global and Planetary Change*, **103**, 119-134. doi:10.1016/j.gloplacha.2012.05.004
- De Leeuw, A., Filipescu, S., Maţenco, L., Krijgsman, W., Kuiper, K. F. & Stoica, M., 2013. Paleomagnetic and chronostratigraphic constraints on the Middle to Late Miocene evolution of the Transylvanian Basin (Romania): implications for Central Paratethys stratigraphy and emplacement of the Tisza-Dacia plate. *Global and Planetary Change*, **103**, 82-98. doi:10.1016/j.gloplacha.2012.04.008
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- Sandy, M. R., Lazăr, I., Peckmann, J., Birgel, D., Stoica, M and Roban, R.,D., 2012. Methane-seep brachiopod fauna within turbidites of the Sinaia Formation, Eastern

Carpathian Mountains, Romania. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **323–325**, 42–59. doi:10.1016/j.palaeo.2012.01.026

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- Stoica, M., Melinte-Dobrinescu, M. C., Palcu, D., 2012. “Neogene deposits in the South. Eastern Carpathians”, post-conference field trip Guide: RCMNS Interim Colloquium “Paratethys-Mediterranean Interactions: Environmental Crises during the Neogene”, ISBN 978-606-8041-72-8.
- Briceag, A., Stoica, M., Oaie, G., & Melinte-Dobrinescu, M.C. 2012. Late Holocene microfaunal and nannofloral assemblages of the NW Black Sea. *Geo-Eco-Marina*, **18**, pp. 65-73.

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- Vasiliev I., Iosifidi A.G., Khramov A.N., Krijgsman W., Kuiper, K.F., Langereis C.G., Popov V.V., Stoica M., Tomsha V.A. and Yudin S.V. (2011). Magnetostratigraphy and radiometric dating of upper Miocene - lower Pliocene sedimentary successions of the Black Sea Basin (Taman Peninsula, Russia), *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, **310**, 163-175. doi:10.1016/j.palaeo.2011.06.022
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- Floroiu, A., Stoica, M., Vasiliev, I. & Krijgsman, W., 2011. Maeotian / Pontian ostracods in the Badislava –Topolog area. (South Carpathian Foredeep-Romania). *Geo-Eco-Marina*, **17**, 237-244.
- Jipa, D.C., Stoica, M., Andreescu, I., Floroiu, A. & Maximov, G., 2011. Zanclean Gilbert-type fan deltas in the Turnu Severin area (Dacian Basin, Romania)-a critical analysis. *Geo-Eco-Marina*, **17**, 123-133.

2010

- Vasiliev, I., de Leeuw, A., Filipescu, S., Krijgsman, W., Kuiper, K., Stoica, M. & Briceag, A., 2010. The age of the Sarmatian-Pannonian transition in the Transylvanian Basin (Central Paratethys). *Paleogeography, Paleoclimatology, Paleocology* **297**, 54-69. doi:10.1016/j.palaeo.2010.07.015
- Krijgsman, W., Stoica, M., Vasiliev, I. & Popov, V., 2010. Rise and fall of the Paratethys Sea during the Messinian salinity crisis. *Earth and Planetary Science Letters*. **290**, 183–191. doi:10.1016/j.epsl.2009.12.020
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- Leever, K. A., Matenco, L., Rabaglia, T., Cloetingh, S., Krijgsman, W. & Stoica, M., 2010. Messinian sea level fall in the Dacic Basin (Eastern Paratethys): palaeogeographical implications from seismic sequence stratigraphy. *Terra Nova*, **22**, 12–17, 2010.
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- Stoica, M., Lazar, I., Vasiliev, I & Krijgsman, W., 2007. Mollusk assemblages of the Pontian and Dacian deposits from the Topolog-Arges area (southern Carpathian foredeep – Romania). *Geobios*, 40/3, pp.391-405.

2006

- Radu, E. & Stoica, M., 2006. Lower sarmatian microfauna from the Hydrogeological Well FA Harlau (Iasi County). *Acta Paleontologica Romaniaae*, 5, p. 413-421.
- Lazăr I., Damian R., Barbu V., Stoica M., Csiki Z., 2006, Paleoecology – the key in evolution assesment of the Jurassic- Cretaceous sedimentary environments from Getic Unit. *Revista de Politica Stiintei si Scientometrie* - Special Issue 2005, p. 1-29/29, ISSN- 1582-1218.

2005

- Vasiliev, I., Krijgsman, W., Stoica, M. & Langereis (2005). Mio-Pliocene magnetostratigraphy in the southern Carpathian foredeep and Mediterranean – Paratethys correlations, *Terra Nova*, 17, 376–384

Books:

- Stoica, M. 2007. Purbeckian ostracods from South Dobrogea (in romanian). 218 p., 53 pl.. *Ed. Ars Docendi*, Bucharest. ISBN 978-973-558-297.

Chapters co-author:

- Stoica, M., Vasiliev, I., Lazar, I. & Krijgsman, W. 2006. Mollusks and ostracod assemblages of the Meotian to Dacian deposits from southern Carpathian foredeep (Topolog-Arges region (Chapter 3), in Vasiliev, I., "A new chronology for the Dacian Basin (Romania)- Consequences for the kinematic and paleoenvironmental evolution of the Paratethyan region". *Geologica Ultraiectina*, 267, 53-73.
- Vasiliev, I., Reichart, G-J., Davies., G, Stoica, M., Krijgsman, W. & Mason, P.R.D., 2006. Trace elements and strontium isotopic composition of mollusks and ostracods in the Carpathians foredeep of Romania (Chapter 7), in Vasiliev, I., "A new chronology for the Dacian Basin (Romania)- Consequences for the kinematic and paleoenvironmental evolution of the Paratethyan region" . *Geologica Ultraiectina*, 267, 131-142.

Conferences:

2014

- Briceag, A., Yanchilina, A., Stoica, M., Ion, G., Ryan, W. B. F. & Oaie, Ghe., 2014. Holocene palaeoenvironmental changes in the NW Black Sea based on the ostracod assemblages. *EGU General Assembly 2014*.
- Cabral, M. C., Danielopol, D. L., Carbonel, P., Gross, M., Stoica, M., Kulköylüoğlu, O., Piller, W. E., Yavuzatmaca, M., Humphreys, W. F. & Tadeusz Namiotko, T., 2014. Sieve-type pores on the valves of Timiriaseviinae ostracods. Their interest for the systematics of selected taxa. *ROLF 2014*, 25ème Réunion des Ostracodologistes de Langue Française. Perpignan, France.
- Grothe, A., Reichart, G-J., Sangiorgi F., Vasiliev, I., Stoica, M., Krijgsman, W. & Brinkhuis, H., 2014. Late Miocene - Early Pliocene connectivity of the eastern Paratethys:

insights from strontium isotopes. *RCMNS Interim Colloquium* –September 25-28, Torino, Italy.

- Krijgsman, W. & Stoica, M., 2014. Paratethyan ostracods in the Spanish Iago Mare: more evidence for interbasinal exchange at high Mediterranean sea level. *RCMNS Interim Colloquium* –September 25-28, Torino, Italy.

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- -Stoica, M., 2013. The *Cypridea* genus in Purbeckian sediments from South Dobrogea (Romania). *17th International Symposium on Ostracoda "Back to the future"*. University of Roma Tre, Rome, Italy. July 23rd-26th, 2013, abstract published in *Naturalista sicil.*, S. XXXVII (1), pp. 385-387. ISSN 0394-0063.
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- -Floroiu, A., Stoica, M., Vasiliev, I. & Krijgsman, W., 2013. Pontian ostracods from Slanicul de Buzau section (eastern Carpathian foredeep). *17th International Symposium on Ostracoda "Back to the future"*. University of Roma Tre, Rome, Italy. July 23rd-26th, 2013, *Naturalista sicil.*, S. XXXVII (1), pp. 385-387. ISSN 0394-0063.
- -Gliozzi, E., Aladin, N., Boomer, I., Dmitrieva, T., Dykan, N., Schornikov, E. I., Stoica, M. & Tesakova, E., 2013. Taxonomic revision of Livaltal's species of brackish water Ostracoda (Crustacea) and designation of neotypes. *17th International Symposium on Ostracoda "Back to the future"*. University of Roma Tre, Rome, Italy. July 23rd-26th, 2013, *Naturalista sicil.*, S. XXXVII (1), pp. 385-387. ISSN 0394-0063.
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- -De Leeuw, A., Bukowski, K., Krijgsman, W., Kuiper, K. F., Mandic, O., Stoica, M., Czapowski, G. & Gasiewicz, A., 2013. Chronologic Constraints on High-Resolution Records of the Sedimentary and Biotic Response to the Badenian Salinity Crisis of the Central Paratethys. *14th RCMNS Congress, Neogene to Quaternary Geological Evolution of Mediterranean, Paratethys and Black Sea.*, 8-12 Sept, Istanbul, Turkey, Abstract Book, p. 70. ISBN:978-975-561-438-0.
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- -Briceag, A., Ion, G., Oaie, Ghe. & Stoica, M., 2013. Fluctuations in Holocene Ostracod Assemblages from the NW Black Sea Shelf. *14th RCMNS Congress, Neogene to Quaternary Geological Evolution of Mediterranean, Paratethys and Black Sea.*, 8-12 Sept, Istanbul, Turkey, Abstract Book, p. 92. ISBN:978-975-561-438-0.
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- -Ionita, C., Sindilar, V. & Stoica, M., 2013. The microfauna assemblages from Sarmatian deposits from four oil boreholes of central-southern part of the Moesian Platform. *The 9th Symposium of Palaeontology*, 25-26 October, Iasi, Romania.

2012

- **Stoica, M.**, Crihan, I.M., Popescu, G., Floroiu, A., Krijgsman, W., van Baak, C., Vasiliev, I., Lazăr, I., & Melinte-Dobrinescu, M.C., 2012. A high-resolution biostratigraphic marker at 6 ma in the eastern paratethys . RCMNS Interim Colloquium “ Paratethys-Mediterranean Interactions: Environmental Crises during the Neogene”, Bucharest, Romania, 27-30. Sept. 2012.
- Briceag, A., **Stoica, M.**, Melinte-Dobrinescu, M. C. & Oaie, G., 2012. Holocene palaeoenvironmental changes in the NW Black Sea. RCMNS Interim Colloquium “ Paratethys-Mediterranean Interactions: Environmental Crises during the Neogene”, Bucharest, Romania, 27-30. Sept. 2012
- Floroiu, A., **Stoica, M.**, Krijgsman, W., Vasiliev, I. & Van Baak, C.m, 2012. Maeotian / Pontian ostracod biostratigraphy from the South Carpathian Foredeep (Badislava --Topolog area). RCMNS Interim Colloquium “ Paratethys-Mediterranean Interactions: Environmental Crises during the Neogene”, Bucharest, Romania, 27-30. Sept. 2012
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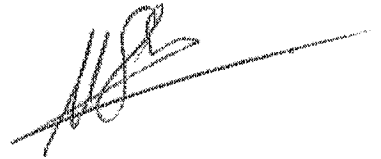
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A handwritten signature in black ink, appearing to be 'MS', written over a horizontal line.