

## Talks (speaker)

- 2021 Crossing the Paleontological-Ecological Gap symposium in Berlin, Germany: [Renaudie J.](#), [Özen V.](#), [Rodrigues de Faria G.](#), [Trubovitz S.](#), [Lazarus D.B.](#), Climatic range of modern fossilizable phytoplankton; [Hunter J.](#), [Özen V.](#), [Rodrigues de Faria G.](#), [Renaudie J.](#), [Lazarus D.](#), Southern Ocean Diatom Size Dynamics and the end-Eocene Paleoproductivity; [Özen V.](#), [Rodrigues de Faria G.](#), [Renaudie J.](#), [Lazarus D.](#), Evolutionary dynamics of the Southern Ocean diatoms across the Eocene-Oligocene transition; [Rillo M.](#), BioDeepTime team, Integrating community turnover from modern and fossil data.
- 2020 Goldschmidt2021 in Lyon, France: [Fontorbe G.](#), [Frings P.J.](#), [Renaudie J.](#), [Cao Z.](#), [Zhang Z.](#), [Frank M.](#), Radiolarian species-specific fractionation: insights from a Miocene sediment core.
- 2020 Progressive Palaeontology 2020 Online: [Woodhouse A.](#), [Fenton I.](#), [Aze T.](#), [Lazarus D.](#), [Renaudie J.](#), [Young J.](#), [Saupe E.](#), Triton: a new extension of the Neptune Database.
- AGU Fall Meeting 2020 Online Everywhere: [Woodhouse A. D.](#), [Fenton I.](#), [Jackson S.](#), [Saupe E.](#), [Dunhill A.](#), [Renaudie J.](#), [Lazarus D. B.](#), [Sexton P. F.](#), [Young J. R.](#), [Pearson P. N.](#), [Wignall P.](#), [Aze T.](#), Can the Cenozoic marine paleontological record be used to predict multi-scaled extinction susceptibility?
- 2019 3rd International Congress on Stratigraphy in Milan, Italy: [Renaudie J.](#), [Lazarus D.](#), [Diver P.](#), [NSB](#), a Big Data tool for chronostratigraphic syntheses of the deep-sea sediment record.
- North American Paleontological Conference (NAPC) in Riverside, USA: [Lazarus D.](#), [Renaudie J.](#), [Asatryan G.](#) Diversity dynamics and climate change in Cenozoic marine siliceous plankton; [Lazarus D.](#), [Renaudie J.](#), [Young J.](#), [Diver P.](#), [NSB](#) and Mikrotax: Databases and software tools for fossil and living plankton research; [Trubovitz S.](#), [Lazarus D.](#), [Renaudie J.](#), [Noble P.](#), Tropical and polar plankton demonstrate contrasting sensitivities to climate change throughout the Late Neogene.
- 3rd International Conference of Continental Ichnology (ICCI) in Halle, Germany: [Jansen M.](#), [Buchwitz M.](#), [Renaudie J.](#), [Voigt S.](#), Reconstruction of an Ancestral Amniote Trackmaker based on Trackway Data, Track – Trackmaker Correlation and Phylogeny.
- Biodiversity\_Next in Leiden, Netherlands: [Lazarus D.](#), [Renaudie J.](#), [Paleobiodiversity and Earth Science Environmental Data.](#)
- TMS Annual Meeting in Nottingham, UK: [Young J.R.](#), [Lazarus D.B.](#), [Renaudie J.](#), [Bown P.R.](#), [Wade B.S.](#), [Huber B.T.](#), Can we extract biostratigraphically useful data from large-scale occurrence-databases such as Neptune? Insights from development of the Mikrotax system.
- AGU Fall Meeting 2019 in San Francisco, USA: [Trubovitz S.](#), [Lazarus D.B.](#), [Renaudie J.](#), [Noble P.J.](#), Neogene Radiolarian Climate Sensitivity and its Implications for Ocean Ecosystems and Geochemical Cycling; [Wellner J.](#), [Gohl K.](#), [Klaus A.](#) and the Expedition 379 Science Party<sup>1</sup>, West Antarctic Ice Sheet and Ocean Dynamics in the Outer Amundsen Sea: Initial Results from IODP Expedition 379.
- 2018 GEOBONN 2018 'Living Earth' in Bonn, Germany: [Jansen M.](#), [Buchwitz M.](#), [Renaudie J.](#), [Voigt S.](#), Reconstruction of an ancestral amniote trackmaker based on trackway data, track-trackmaker correlation and phylogeny.
- 2017 InterRad 15th meeting in Niigata, Japan: [Renaudie J.](#), [Fontorbe G.](#), [Lazarus D.](#), [Salzmann S.](#), [Frings P.](#), [Conley D.](#), Testing the vital effect on silicon isotope measurements in Late Eocene Pacific radiolarians.
- 2016 Lyell Meeting of the Geological Society in London, UK: [Lazarus D.](#), [Renaudie J.](#), [Diver P.](#), The NSB (Neptune) Database : current status and future development.
- 2015 InterRad 14th meeting in Antalya, Turkey: [Renaudie J.](#), [Lazarus D.](#), Diatoms, radiolarians and the Cenozoic Si and C cycles ; [Lazarus D.](#), [Renaudie J.](#), Reconstructing radiolarian diversity: what we don't know; and a new analysis of the Cenozoic.
- 2014 EGU general meeting in Vienna, Austria: [Renaudie J.](#), [Lazarus D.](#), A quantitative review of Cenozoic diatom deposition history.
- 2013 TMS Silicofossil Group meeting in Cambridge, UK: [Renaudie J.](#), [Lazarus D.](#), Cenozoic history of marine diatom deposition: a quantitative review.
- Deutscher Museumsbund Fachgruppe Dokumentation Herbsttagung in Berlin-Dahlem, Germany: [Renaudie J.](#) (on behalf of [Lazarus D.](#)), Taxonomic backbone databases for fossil and living marine microplankton.
- 2012 InterRad 13th meeting in Cadiz, Spain: [Renaudie J.](#), [Lazarus D.](#), On the accuracy of paleodiversity reconstructions: a case study using Antarctic Neogene radiolarians.
- Jubiläumstagung der Paläontologische Gesellschaft in Berlin, Germany: [Renaudie J.](#), [Lazarus D.](#), Macroevolutionary patterns in Antarctic Neogene radiolarians.

- 2011 TMS annual meeting in Nottingham, UK: [Renaudie J.](#), Lazarus D., Toward an high-resolution stratigraphy for Antarctic Neogene radiolarians.
- 2011 TMS Silicofossil Group meeting in Lille, France: [Renaudie J.](#), Lazarus D., Macro-evolutionary patterns in Antarctic Neogene radiolarians.
- 2007 Congrès de l'Association Française de Paléontologie in Dignes-les-Bains, France: [Renaudie J.](#), Danelian T., Saint-Martin S., Eocene diatoms in the tropical Atlantic (ODP Leg 207) and climate changes.

#### Posters (presenting)

- 2020 Ocean Sciences meeting in San Diego, USA: [Trubovitz S.](#), Lazarus D., [Renaudie J.](#), Noble P., Radiolarians exhibit a threshold response to climate change during the late Neogene.
- TMS General Meeting online: [Özen V.](#), Rodrigues de Faria G., [Renaudie J.](#), Lazarus D., Southern Ocean diatom diversity at the Eocene-Oligocene transition; [Rodrigues de Faria G.](#), [Renaudie J.](#), Struck U., Lazarus D., Southern Ocean productivity across the Eocene-Oligocene boundary.
- 2019 EGU general meeting in Vienna, Austria: [Asatryan G.](#), Lazarus D., [Renaudie J.](#), The preliminary studies of plankton in the framework of the project "Paleogene Polar Plankton and Paleoproductivity".
- NAPC in Riverside, USA: [Trubovitz S.](#), Lazarus D., [Renaudie J.](#), Noble P., New census of radiolarian communities in the Eastern Equatorial Pacific reveals unprecedented biodiversity throughout the Late Neogene.
- Society of Vertebrate Paleontologists (SVP) Annual Meeting in Brisbane, Australia: [Jansen M.](#), Buchwitz M., [Renaudie J.](#), Voigt S., Reconstruction of an ancestral amniote trackmaker based on trackway data, trackmaker correlation and phylogeny.
- Paläontologisches Gesellschaft General Meeting in Munich, Germany: [Özen V.](#), Rodrigues de Faria G., [Asatryan G.](#), [Renaudie J.](#), Lazarus D., Investigating the role of Southern Ocean phytoplankton in the end Eocene climatic events.
- 2018 TMS Annual meeting in Leeds, UK: [Asatryan G.](#), Lazarus D., [Renaudie J.](#), Paleogene polar phytoplankton and oceanic carbon sequestration; [Renaudie J.](#), Drews E.-L., Böhne S., The Paleocene fossil record of marine planktonic diatoms in deep-sea sediments; [Renaudie J.](#), Gray, R., Lazarus D., Testing the accuracy of the MobileNet convolutional neural network to identify closely-related radiolarian species based on a sparse dataset.
- 25th International Diatom Symposium in Berlin, Germany: [Renaudie J.](#), Lazarus D., Macroevolutionary patterns in Cenozoic marine diatoms from deep-sea sediments, and their relationship with climate and marine geochemical cycles.
- 2017 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Braunschweig, Germany: [Renaudie J.](#), Fontorbe G., Drews E.-F., Böhne S., Lazarus D., Constraining the history of the Cenozoic marine silicon cycle with siliceous microfossils.
- Evolution 2017 in Portland, Oregon: [Renaudie J.](#), [Lazarus D.](#), Diver P., The NSB (Neptune) marine microfossil occurrences database.
- 2016 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Heidelberg, Germany: [Renaudie J.](#), Siliceous microfossils and the Cenozoic marine carbon and silicon cycles ; [Renaudie J.](#), Diver P., [Lazarus D.](#), NSB and ADP: a new, expanded and improved software system for marine planktonic microfossil and geochronologic data; [Wiese R.](#), [Renaudie J.](#), Lazarus D., Can genera be used as proxies for species in studies of biodiversity-climate sensitivity? A test using Cenozoic marine diatoms.
- International Conference on Paleooceanography in Utrecht, Netherlands: [Renaudie J.](#), Quantifying the Cenozoic marine diatom record; [Renaudie J.](#), Lazarus D., Diver P., Expanding the NSB database for paleoceanographical research.
- 2015 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Bonn, Germany: [Renaudie J.](#), Diatoms and the Cenozoic Si and C cycles.
- GSA annual meeting in Baltimore, USA: [Renaudie J.](#), Diver P., [Lazarus D.](#), NSB: a new, expanded and improved database of marine planktonic microfossil data.
- 2014 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Erlangen, Germany: [Renaudie J.](#), Lazarus D.B., A quantitative review of Cenozoic diatom deposition history.
- EGU general meeting in Vienna, Austria: [Lazarus D.B.](#), [Renaudie J.](#), Diversity history of Cenozoic marine siliceous plankton.
- 2013 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Freiberg, Germany: [Renaudie J.](#), [Lazarus D.B.](#), Toward an high-resolution stratigraphy for Antarctic Neogene radiolarians.
- 2012 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Kiel, Germany: [Renaudie J.](#), Lazarus D.B., Macroevolutionary patterns in Antarctic Neogene radiolarians.

- InterRad 13th meeting in Cadiz, Spain: Renaudie J., Lazarus D.B., Advances in Antarctic Neogene radiolarian high-resolution stratigraphy; Lazarus D.B., Renaudie J., Taxonomic documentation of Southern Ocean Neogene radiolarians.
- TMS annual meeting in Nottingham, UK: Renaudie J., Lazarus D.B., Macroevolutionary patterns in Antarctic Neogene radiolarians.
- 2011 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Münster, Germany: Renaudie J., Lazarus D.B., Paleodiversity reconstructions in Antarctic Neogene radiolarians
- 2010 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Frankfurt, Germany: Renaudie J., Lazarus D.B., Weinkauff M., Marine micropaleontology, round two: whole faunal surveys and their use in biostratigraphy and macroevolutionary research.
- Third International Paleontological Congress in London, UK: Renaudie J., Lazarus D.B., Macroevolutionary patterns in Antarctic Neogene radiolarians.
- 2009 Kolloquium der DFG-Schwerpunkte ICDP/IODP in Potsdam, Germany: Lazarus D.B., Renaudie J., Synthesis and analysis of Antarctic Neogene Radiolaria.
- InterRad 12th meeting in Nanjing, China: Lazarus D.B., Renaudie J., Synthesis on Antarctic Neogene Radiolaria: preliminary results.
- 2007 Paleontological Association 51st Annual Meeting in Uppsala, Sweden: Renaudie J., Danelian T., Saint-Martin S., The siliceous plankton response of the equatorial Atlantic to the Middle Eocene Climatic Optimum event (ODP Site 1260, Demerara Rise, off Surinam).
- 2006 Paleontological Association 50th Annual Meeting in Sheffield, UK: Danelian T., Renaudie J., Blanc-Valleron M.-M., The radiolarian record of the equatorial Atlantic during the Paleocene/Eocene Thermal Maximum event.