Talks (speaker)

2022 TMS Silicofossil and Palynology Joint Meeting in Newcastle, UK: Özen V., Rodrigues de Faria G., Renaudie J., Lazarus D., Asatryan G., Diatom diversity and paleoproductivity history across the Eocene-Oligocene Transition; Carlsson V., Danelian T., Boulet P., Devienne P., Laforge A., Renaudie J., AI applied to the classification of eight Middle Eocene species of the genus *Podocyrtis*.

2021 92nd Annual Meeting of the Paläontologische Gesellschaft: Jansen M., Buchwitz M., Renaudie J., Marchetti L., Voigt S., Uncertain phylogenetic relationships as a source of Error in the Trackway-data-based Reconstruction of Locomotion Evolution within Amniote Ancestors.

GeoKarlsruhe virtual conference: Rodrigues de Faria G., Özen V., Lazarus D., Struck U., Renaudie J., Asatryan G., Biological Productivity int he Southern Ocean across the Eocene-Oligocene transition; Asatryan G., Özen V., Rodrigues de Faria G., Lazarus D., Renaudie J., Paleogene polar plankton and paleoproductivity: new proxy data from the Eocene-Oligocene transition.

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., Smith J., Hull P., Finnegan S., the BioDeepTime Working Group, Integrating community turnover from modern and fossil data.

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[1], 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.

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)

2021 AGU Fall Meeting online: Özen V., Rodrigues de Faria G., Renaudie J., Lazarus D., Diversity Dynamics of Marine Diatoms Across the Eocene–Oligocene Transition.

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 Paleoceanography 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., Weinkauf 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.