

Cyclostratigraphy Newsletter, June 2022

Hello and welcome to Cyclostratigraphy Newsletter number 5.

This newsletter includes links to podcasts, opportunities for Early Career Scientists, as well as a list of conferences with sessions dedicated to cyclostratigraphy.

You are very much invited to get in touch if you have news, publications, job opportunities or events that you would like to see included in the next newsletter.

Best wishes,

Sietske Batenburg, sbatenburg@ub.edu

1. Podcasts on www.cyclostratigraphy.org

There are now ten cyclostratigraphy podcasts available, in which scientist discuss the use of cyclostratigraphic techniques to understand climate dynamics across time intervals. The last two podcasts focus on the Quaternary, and discuss the surprising influence of obliquity and half-precession forcing.



In [podcast 9](#), Arne Ulfers from the LIAG in Hannover (Germany) discusses the clear expression of half precession cycles in lacustrine sediments from Lake Ohrid (North-Macedonia / Albania) of the last 1 million years. This is surprisingly far north for half-precession cycles, which usually have a low-latitude origin. See the 2022 [Quaternary Science Reviews](#) paper.

In [podcast 10](#), Jaqueline Ferreira from São Paulo (Brazil) explains her findings on the surprising responses of Brazilian rainfall and ecosystems to astronomical forcing. Changes in tree cover in eastern tropical South America may be driven by obliquity forcing. This podcast is based on her 2022 [Quaternary Science Reviews](#) paper.



2. CycloCafé

A reminder for the first session of the Cyclocafé on 17 June 2022 at 07:00 AM UTC Zoom room number 661 993 27887 (no password)

<https://www.zoom.us/j/66199327887>.

The Cyclocafé is a new monthly get-together to discuss anything cyclostratigraphy-related in an informal setting. If cyclostratigraphy is new to you, or if you would like some advice on how to approach a new record or research topic, you are warmly invited to join.



(image borrowed from the Cyclo café in Vellore, Tamil Nadu)

More info, dates and times [here](#).





3. Job Opportunity

A [PhD opportunity](#) is available at the University of Lorraine in France, to investigate variability in sedimentation across rhythmic lime-stone marl couplets and across Oceanic Anoxic Event 2, using extra-terrestrial ^3He . This relatively new technique enables investigation of sedimentation rates at a higher resolution than that of orbitally-forced cycles.

The project will be supervised by Pierre-Henri Blard at the CRPG Nancy, as well as by Guillaume Suan at the University of Lyon and Baptiste Suchéras-Marx at the Aix-Marseille University. Send your application by 15 June 2022.



4. Conferences and summer schools



The Urbino Summer School in Paleoclimatology will go ahead again this year! The Urbino Summer School is a yearly course for graduate students on the fundamentals of paleoclimate data and modelling techniques and applications. Topics include an introduction to cyclostratigraphy and analysis of data collected in the field by the participants.

More information on the Urbino Summer School in Paleoclimatology is available [here](#), and applications are open until **5 June 2022**.

GeominKöln is the [annual conference](#) of the German Geological and Mineralogical Societies, and will celebrate its 100th birthday in Cologne, Germany, from 11–15 September.

[Session 5.2](#) focusses on: The imprint of astronomical climate forcing: Geochronometer and paleoclimate archives.

Abstract submission is open until the 15th of June.



100th
ANNUAL
CONFERENCE
1908 • 2022 | COLOGNE



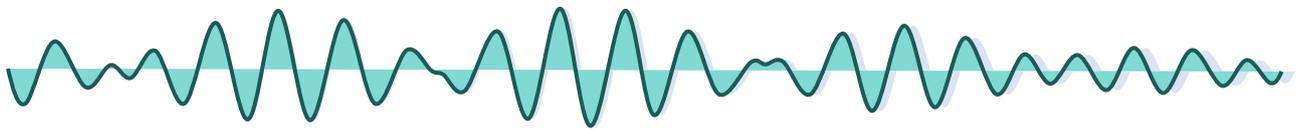
The next [Goldschmidt](#) conference on geochemistry will take place from 10–15 July 2022 in Honolulu, Hawai'i. Several contributions will discuss orbitally forced climate variations in a range of time intervals, including the [Cambrian](#), the [Triassic–Jurassic](#), the [Pliocene–Pleistocene](#) and the [last 1.2 Myr](#).

The [fall meeting](#) of the American Geophysical Union will take place from 12–16 December 2022 in Chicago and online. The session programme will be published soon, and the abstract submission deadline is scheduled on 3 August.

AGU FALL MEETING

Chicago, IL & Online Everywhere
12–16 December 2022





A reminder of conferences listed in the previous Newsletter:



21st INTERNATIONAL
SEDIMENTOLOGICAL
CONGRESS
August 22-26, 2022 BEIJING

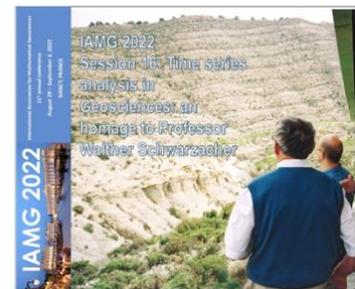
The 21st International Sedimentological congress will take place in Beijing, China, and online from 22–26 August 2022. Abstract submission is open until 4 April 2022, and early bird registration until 1 May 2022. [Sessions](#) T1-6 and T1-8 focus on astronomical forcing

The 11th International Cretaceous Symposium will be in Warsaw, Poland, as well as being streamed online, from 22–26 August 2022, and a session is dedicated to cyclostratigraphy: [Session 5](#): Cretaceous geochronology, timescales, astrochronology and cyclostratigraphy



The 11th International Congress on the Jurassic System will be in Budapest, Hungary, from 29 August to 2 September, 2022. There is a [session](#) highlighting integrated stratigraphy: Jurassic biostratigraphy, integrated stratigraphy and time scale

The 21st annual conference of the International Association for Mathematical Geosciences will take place in Nancy, France, from 29 August 2022 to 3 September, 2022, with [Session 16](#) dedicated to the legacy of Prof. Walther Schwarzacher



5. Cyclostratigraphy publishing

Several researchers have expressed interest in publishing in the new open-access journal on [Cyclostratigraphy and Rhythmic Climate Change](#). Contact the [editors](#) if you would like to submit a manuscript for the opening issue.

A review paper in the journal History of Geo- and Space Sciences by Galvão Carnier Frago and co-authors is available [here](#), on “Cyclicality in Earth sciences, quo vadis? Essay on cycle concepts in geological thinking and their historical influence on stratigraphic practices”

A selection of articles will be included in the next newsletter. If you would you like to see your work included in a future newsletter, or if you would like to share other news, get in touch.

Feel free and encouraged to distribute this newsletter further. If you know of conferences, workshops, job opportunities, or if you would like to share other news related to cyclostratigraphy, please do not hesitate to email. Subscribe or unsubscribe from this newsletter by writing to sbatenburg@ub.edu. The newsletter will be available for download on www.cyclostratigraphy.org.

