



First Circular



IGCP 653/735 Virtual Annual Meeting, Lille, September 13 – 16, 2021

www.lille2021.wordpress.com

IGCP 653 (*The onset of the Great Ordovician Biodiversification Event*) was accepted in early 2016 by the UNESCO/IGCP and was scheduled for five years (2016 to 2020). Successful IGCP projects usually run for an additional year on an extended term (OET), without financial support from UNESCO. The original plan was therefore to have an additional year, in 2021, with an ‘absolutely final’ meeting of IGCP 653 in September, that will only take place, virtually, due to the covid-19 pandemic.

This ‘absolutely final meeting’ of IGCP 653 is now planned to coincide with the first annual meeting of the new IGCP project (**IGCP 735** *Rocks and the Rise of Ordovician Life*) accepted by UNESCO/IGCP in March 2021 and scheduled for five years (2021–2025). The Lille meeting is thus perfectly placed for a smooth transition between the two IGCP projects.

The online Lille meeting will take place over four days:

Monday 13th to Thursday 16th, September 2021

Several online **keynote lectures** as well as **regular talks** and short ‘**Lightning**’ talks will be scheduled, with sessions in different time zones, to cover most parts of the world.

The main topic of the Lille 2021 meeting is the ‘**Ordovician of the World.**’

Regular talks will be scheduled with lengths of 15 or 20 minutes, depending on the number of proposals for oral presentations. We plan to organise also ‘Lightning talks’ of short duration (maximum 3 slides in 3 minutes with 2 minutes discussion). These talks can be presented in any language, if English subtitles are provided. They must be recorded and sent to the organizers two weeks before the meeting.

We particularly welcome contributions from female scientists, and from presenters in developing countries, as well as from young researchers (35 years or younger), following the guidelines and objectives of IGCP/UNESCO.

Keynote talks will include the following aspects of Ordovician research :

- Luis Buatois, Gabriela Mangano (Saskatoon, Canada): bioturbation and bioerosion
- Fan Junxuan (Nanjing, China) : the Geobiodiversity Database
- Dan Goldman (Dayton, USA) : the Ordovician Time Scale
- Farid Saleh (Kunming, China) : soft body preservation
- Alexandre Pohl (University of Riverside, USA) : water currents and palaeo-oceanography
- Christopher Scotese (University of Arlington, USA) : geography and climate
- Matthias Sinnesael (Durham, UK) : cyclostratigraphy and astrochronology

Besides general talks on all aspects on Ordovician geology and palaeontology, there will be each day a session on ‘**The Ordovician of ...**’ dedicated to a part of the globe from where Ordovician research activities are less well known.

Keynote talks in the ‘Ordovician of ...’ sessions will include the following :

- The Ordovician of the Middle East and Central Asia (by Mansoureh Ghobadi-Pour, Gorgan, Iran)
- The Ordovician of Argentina (by Beatriz Waisfeld, Córdoba, Argentina)
- The Ordovician of Australia (by Ian Percival, Sydney, Australia)
- The Ordovician of Russia (by Andrei Dronov, Moscow, Russia)

We therefore particularly welcome contributions from other, more remote and comparatively less well-known areas. IGCP participants from such regions, who are generally not able to join the regular on-site meetings, could present their papers online to the Lille conference.

In addition to the abstract volume, we also plan to produce a **special issue** in an international journal. Please, indicate your interest if you wish to submit a conference paper.

We invite all contributions on all aspects of Ordovician palaeontology and geology !

The registration to the Lille 2021 online meeting is free !

We look forward to your participation.

Organising committee: **Thomas Servais** (chair, organisation committee), CNRS, Lille University, France; **David Harper**, Durham University, UK; **Bertrand Lefebvre**, CNRS, Lyon University, France ; **Alycia Stigall**, Ohio University, USA

Important dates :

Application deadline of all presentations:	16 th July 2021
Abstract submission deadline:	30 th July 2021
Submission deadline of lightening presentation materials:	30 th August 2021
Application of participation without presentations:	10 th September 2021

Call for Abstracts

Abstract Submission guidelines

All presenters are invited to submit an abstract (500 words or less, within 1 A4 page, by following the example on the next page) as a **word file**, by email to the organizing committee :

igcp653.735.lille2021@gmail.com

before the deadline of 30th July 2021.

There will be three formats for presentations :

Keynote talks: 30 or 40 minutes

Keynote presentations will be of 30 or 40 minutes duration (25 or 35 minutes for the presentation with an additional 5 minutes for questions).

Oral sessions: 15 or 20 minutes.

Presentations should be restricted to 15 minutes with an additional 5 minutes for questions (or 12 minutes with an additional 3 minutes for questions).

Lightning talks : 5 minutes

Lightning talks are recorded talks of no longer than 3 minutes with no more than 3 slides, that must be submitted to the organizing committee in advance. The speakers should be present during the scientific session and will be allowed 2 minutes of discussion with the audience (deadline for submitting the talk, 30th August 2021). For this type of talk, we accept that all the presenters may speak in their own language. In this case, English subtitles should be added to the slides. We suggest using free software automatically generating subtitles, e.g. Maestra (www.maestrasuite.com).

The online-meeting application ZOOM will be used for the meeting and for the presentations. Speakers should prepare their presentation material and talks, and share the presentation screen (or submit the recorded talk in advance to the organisers).

Any presentation related to “The Ordovician of the World”, and related to either IGCP 653, IGCP 735 or the ISOS, are welcome.

Important dates:

Application deadline for all presentations:	16 th July 2021
Abstract submission deadline:	30 th July 2021
Submission deadline of lightning presentation materials:	30 th August 2021
Application of participation deadline (for audience without presentation):	10 th September 2021
Conference Days:	13 th to 16 th September 2021

The Great Ordovician Biodiversification Event (GOBE) and the Late Ordovician Mass Extinction (LOME)

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Abstract

The Ordovician biodiversification is considered one of the most significant radiations in the marine ecosystems of the entire Phanerozoic. Originally recognized as the ‘Ordovician Radiation’, a label retained during most of the 1980s and 1990s, the term ‘Great Ordovician Biodiversification Event’ (GOBE) was coined in the late 1990s and was subsequently adopted by most of the scientific community. The Ordovician biodiversification, has always been considered as a long-term adaptive radiation, resulting in the sum of the different individual diversifications of all groups of marine organisms that occurred diachronously during the entire Ordovician.

The end Ordovician (Hirnantian) extinction was the first of the five big Phanerozoic extinction events, and the first that involved metazoan-based communities. It comprised two discrete pulses, both linked in different ways to an intense but short-lived glaciation at the South Pole. Most recently, however, new drivers for the extinctions have been proposed, including widespread euxinia together with habitat destruction caused by plate tectonic movements, suggesting that the end Ordovician mass extinctions were a product of the coincidence of a number of contributing factors.

Keywords: Great Ordovician Biodiversification Event, radiation, extinction, palaeobiodiversity

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Text: 12-point Times New Roman

Title (14 point Times New Roman, **bold**) and affiliations (12-point Times New Roman, *italics*) centered. Full institutional address for all authors.

*Corresponding author: e-mail address requested

Presenting author : underscore

Abstract: maximum 500 words

Keywords: minimum 3, maximum 6



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Please, register to the conference at :

<https://www.eventbrite.com/e/igcp-653735-virtual-conference-the-ordovician-of-the-world-registration-153354598733>

In case of problems with the online registration, please fill in the form below and send it to the congress organizers : igcp653.735.lille2021@gmail.com

Participant Information (all fields required)

Full Name:.....Title:.....

Email:.....

Postal Address:..... Street Address

Apartment/Unit

City State/Province ZIP Code Country

Nationality:..... Primary Institution:.....

Student: No (Post) Graduate Undergraduate

Presentation: Regular talk Lightening talk Participant without presentations

For presenters for the oral sessions:

We are planning to record oral presentations including question/answer sessions and deliver them on the meeting-web site for one week following the meeting. Do you agree with this?

Agree Decline (do not record)

If you are interested in submitting a paper to a special issue with the conference proceedings :

Yes, I am interested No, I am not interested

Please, e-mail a completed form to the Organizing committee

igcp653.735.lille2021@gmail.com before the deadlines :

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16th July 2021

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