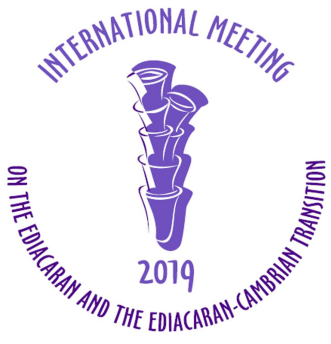
First Circular



Guadalupe, Extremadura, Spain, October 17-24th, 2019

Organized under the support of :
The International Subcommission on Ediacaran Stratigraphy
The International Subcommission on Cambrian Stratigraphy

General Information

The meeting is open to presentations on all aspects of the Ediacaran System and its boundaries, including organisms and their interpretation, litho/bio/chrono/chemo- and event stratigraphy, sedimentology, geomicrobiology, (bio)geochemistry, geochronology and geodynamics. Field trips will provide opportunities to visit key outcrops of the Ediacaran and Ediacaran–Cambrian transition in the Central-Iberian Zone of the Iberian Peninsula.

Particularly welcome are contributions dealing with the nature of the Ediacaran–Cambrian transition. In Spain, Brasier, Perejón & San José (1979. Estudios Geológicos 35, 379-383) described stratigraphical overlap of what was then considered pre-Cambrian and Cambrian faunal elements. Afterwards, the stratigraphical distribution of early skeletal fossils and trace fossils in this Ediacaran back-arc setting episodically affected by pulses related to the Cadomian Orogeny has brought this topic into sharp focus. A surge of recent publications from various continents have further raised the question if there is a sharp divide between organisms typical of respectively the Ediacaran and Cambrian or a more gradual transition and overlap.

Another topic of recent interest and debate is the number and nature of Ediacaran glaciations. In addition to the well-established probably regional ~580 Ma Gaskiers glaciation, a range of other putative Ediacaran glacial events, likely of regional extension, have been reported. A recent addition to a possible upper Ediacaran glaciogenic event is the peri-Gondwanan ~565 Ma “Weesenstein-Orellana glaciation" (Linnemann et al. 2018. International Journal of Earth Sciences 107, 885-911) with outcrops in the Central Iberian Zone.

Organizing Committee

José Javier Álvaro, Instituto de Geociencias (UCM/CSIC) Madrid.
Sören Jensen, **Teodoro Palacios** and **Mónica Martí Mus**, Universidad de Extremadura, Badajoz.
José María Barrera Martín-Merás and **Iván Cortijo**, Villuercas-Ibores-Jara UNESCO Global Geopark.
Additional assistance during the post-conference field trip:
Ulf Linnemann, Senckenberg Naturhistorische Sammlungen, Dresden.
Agustin Pieren Pidal, Universidad Complutense, Madrid.

Registration Fee

Definitive fees (including hotel and meals during the conference and field trips) will be included in the second circular. Visa/Master card payment will be possible.
There will be available limited financial contributions to help graduate students, post-docs, and junior scientists to participate in the meeting. Application form will be provided with the second circular.

Visa Information

For delegates who require a Visa to visit Spain, invitation letters can be provided by the organizers.

Preliminary time line

2nd circular with definitive fees and deadlines: December 2018.
Registration Payment deadline: June 30, 2019.
Abstract Submission deadline: June 30, 2019.
3rd circular with final arrangements: September 01 2019.

Provisional Schedule

17-18th October (Thursday-Friday): Pre-Conference Field-trip: Ediacaran and Lower Palaeozoic within the Villuercas-Ibores-Jara UNESCO Global Geopark. See below for additional detail.

An Ice-Breaker reception will be held in Guadalupe on the evening of the 18th.

19-20th October (Saturday-Sunday): Oral presentations (15 minutes) and posters in Guadalupe. Talks and posters will be presented in English.

A conference dinner is planned for the evening of the 20th.
Weather permitting, there will be astronomical observations with a telescope on the evening of the 19th at a location near Guadalupe.

21-24th October (Monday-Thursday): Post-Conference Field-trip: Visit to several key Ediacaran and Ediacaran-Cambrian transition sections. See below for additional detail.

Discussion/work-shop on Ediacaran glaciations, planned for the evening of the 21st.
Discussion/work-shop on Ediacaran-Cambrian transition palaeoichnology, planned for the evening of the 23rd.

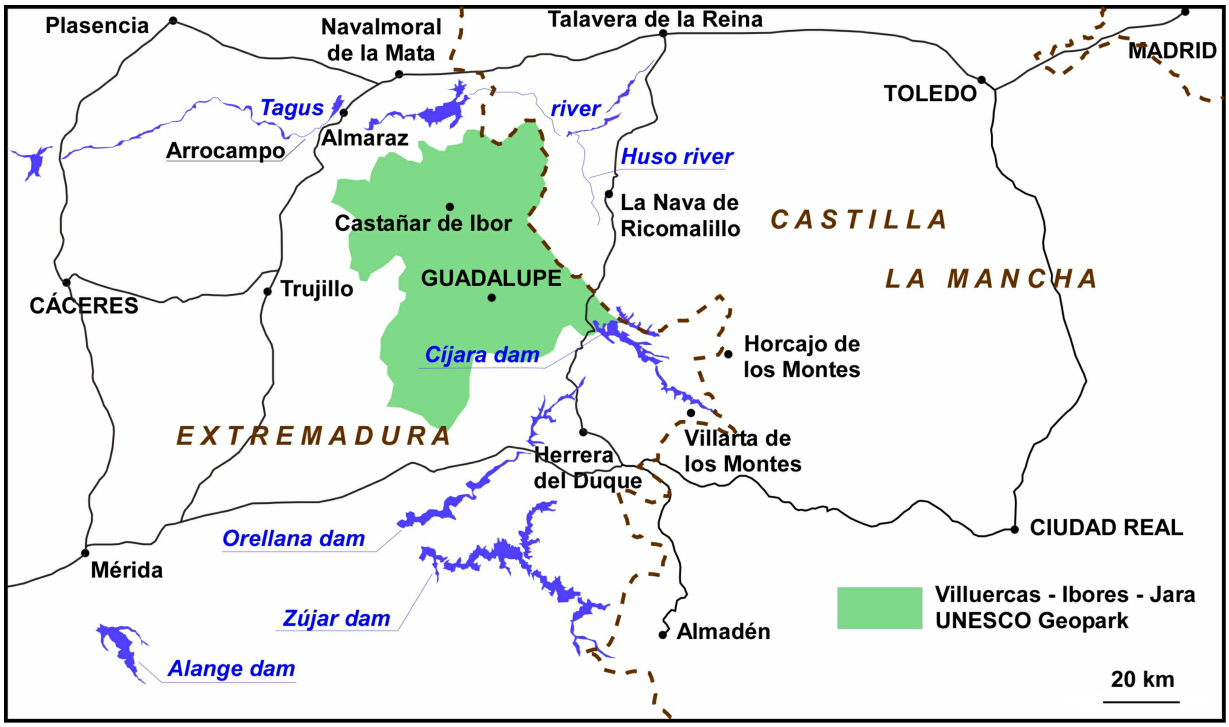
Publications

1. Abstracts (title, authors, addresses, text and references – less than 500 words). Preliminary abstract deadline June 30, 2019.
2. Field Guide and meeting proceedings. Publication venue to be announced.
3. A special volume with a selected number of peer reviewed papers to be published in an indexed journal. Publication venue to be announced.

Official language for abstracts, posters and presentations: English.

Meeting Venue

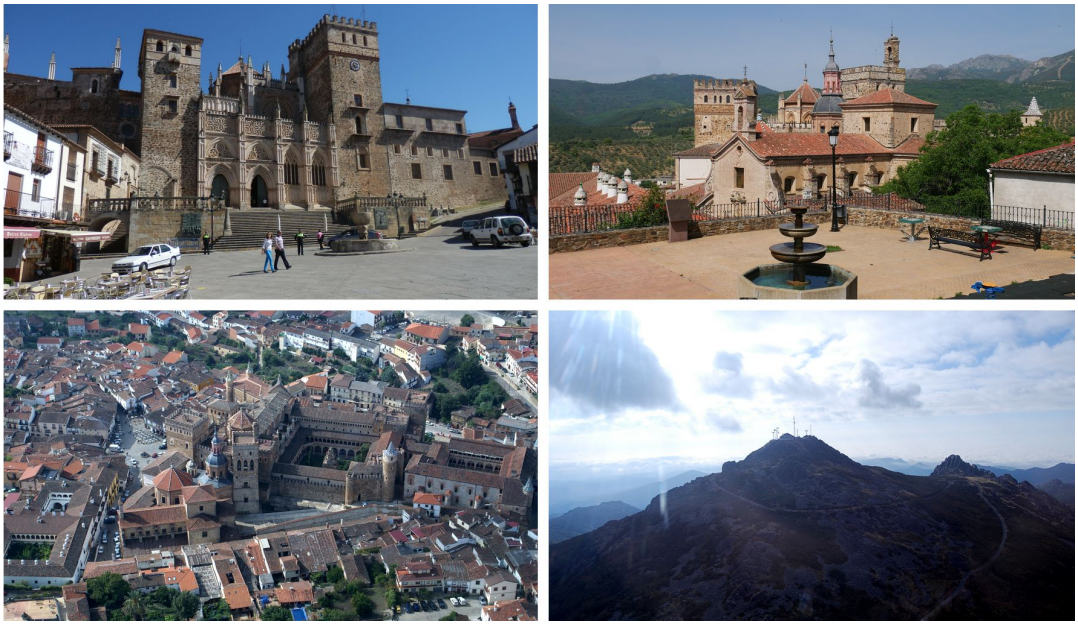
Meeting venue in the municipality of Guadalupe (Extremadura, 39° 27´N, 05° 19´W), located some 175 km south-west of Madrid within the Villuercas-Ibores-Jara UNESCO Global Geopark
https://about-spain.net/tourism/extremadura.htm
https://www.spain.info/en/que-quieres/ciudades-pueblos/otros-destinos/guadalupe.html
http://www.geoparquevilluercas.es/?lang=en



Map showing location of Guadalupe and the Villuercas-Ibores-Jara Unesco Global Geopark to the SW of Madrid. Major roads and towns are indicated. Several of the locations that are to be visited during the post-conference field trip are indicated.

Location, Travel and Accommodation

Guadalupe is a historical municipality of some 2000 habitants situated within a spectacular mountainous landscape. It is the location of the Royal Monastery of Santa María de Guadalupe, a UNESCO World Heritage Site (https://whc.unesco.org/en/list/665). In addition to a rich cultural and geological heritage in Guadalupe and its surroundings, may be noted botanical diversity and very limited light pollution resulting in spectacular night skies. Companies within the geopark provide opportunities for guided tours to explore the geology, landscape, wildlife and astronomy.



Views of Guadalupe including the Royal Monastery of Guadalupe and, lower left, the nearby ~1600 m Pico de la Villuercas.

Madrid-Barajas (MAD) is the closest international airport. The organisers will provide one or several bus services between Madrid-Barajas airport and Guadalupe.

For visitors wishing to explore the Villuercas-Ibores-Jara UNESCO Global Geopark at their leisure car rental in Madrid is recommended. Alternatively, car rental is possible in Toledo and Talavera de la Reina, both with frequent public transport connections with Madrid. There is no car rental within the Villuercas-Ibores-Jara UNESCO Global Geopark. SAMAR provides bus connections from Madrid (bus station "Madrid Estacion Sur") to Guadalupe (about 4 hours). https://www.checkmybus.co.uk/bus-providers/grupo-samar.

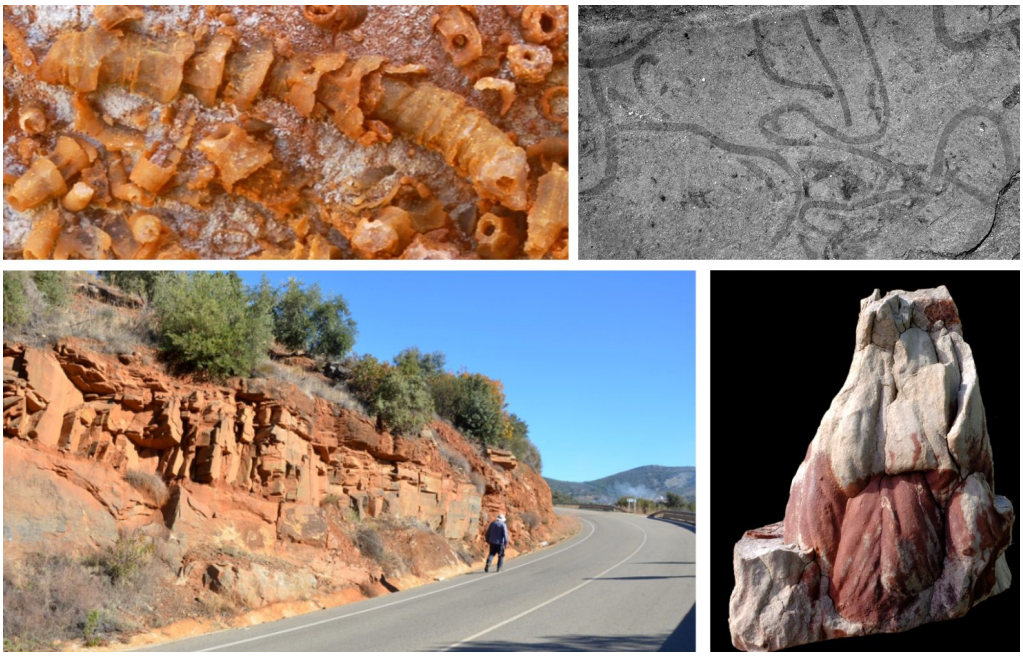
Detailed accommodation and travel details will be presented in the following circulars.

Field Trips

Pre-conference field trip

17-18 October

This field trip will provide an opportunity to explore some of the scenery and geology of the Villuercas-Ibores-Jara Geopark. Planned stops include examination of upper Ediacaran deep-water sediments; *Cloudina*-bearing carbonates in the area of Castañar de Ibor; examination of block containing type material of *Cloudina carinata;* and Ordovician Armorican Quartzite with *Daedalus* and *Cruziana*. A more detailed and complete itinerary will be presented in the following circulars.



Clock-wise from upper left: Detail of block with type material of *Cloudina carinata*, to be housed in the geopark visitors centre, Cañamero; filamentous fossils of a type observed in Ediacaran-Cambrian transitional beds; vertically oriented lower Ordovician trace fossil *Daedalus*; late Ediacaran carbonates with *Cloudina* close to Castañar de Ibor;

Post-conference field trip

21-24 October.

During this field trip a range of upper Ediacaran sedimentary environments within the south-western part of the Central Iberian Zone will be examined, such as outcrops of the "Weesenstein-Orellana glaciation" in the area of the Orellana dam; *Cloudina*-microbial buildups developed on an unstable platform locally uplifted by the influence of the Cadomian Orogeny, Villarta de los Montes; Ediacaran-Cambrian transition in the Huso River and uncompleted rail-way section "Via Verde de la Jara", La Nava de Ricomalillo, with trace fossils and *Beltanelliformis* carbonaceous compressions in offshore siliciclastics and *Cloudina*-bearing slope aprons in nearby Arroyo de Cubilar; Arrocampo section with shallow-water carbonates interrupted by slope-apron breccia deposits overlain by siliciclastics containing Cambrian-type trace fossils. A more detailed and complete itinerary will be presented in the following circulars.

Clock-wise from upper left: Sediments of the "Weesenstein-Orellana glaciation", area of the Orellana dam; *Cloudina*-bearing bioherms and patch reefs, Villarta de los Montes; *Treptichnus pedum*, Arrocampo; small *Beltanelliformis* and simple trace fossils, uncompleted railway section near La Nava de Ricomalillo.; aformentioned section, now the "green-way" "Via Verde de la Jara". (see http://www.viasverdes.com/en/principal.asp)

Contact

Updated information about the meeting can be found on the following web page dedicated to the meeting: http://www.geoparquevilluercas.es/imect2019/
where it is possible to register interest of attendance to the meeting. Alternatively copy and paste the below text into an e-mail, indicate "yes" or "no" after each heading, and send it to soren@unex.es. This will help the organisers in their preparation. An indication of attendance to a field trip does not guarantee a place. If possible provide preliminary titles for any abstracts or papers you aim to present. The second circular will be distributed to those who have indicated interest in attendance.

General questions about the meeting or scientific sessions – Sören Jensen (soren@unex.es) or Javier Álvaro (jj.alvaro@csic.es).

The organizing committee

Attend pre-conference fieldtrip: YES / NO

Attend to scientific sessions in Guadalupe: YES / NO

Attend post-conference fieldtrip: YES / NO

Submit Abstract(s) to Abstract Volume: YES / NO

Submit Manuscript(s) to Special Volume; YES / NO

I will bring accompanying person: YES / NO
