

4th International Congress on Stratigraphy
strati 2023
11th -13th July 2023, Lille, France

THIRD AND FINAL CIRCULAR

Following the 1st congress in Lisbon (Portugal) in 2013, and additional congresses organized in Graz (Austria) in 2015 and Milan (Italy) in 2019, the 4th International Congress on Stratigraphy **STRATI 2023** will be held in **Lille, France, 11th-13th July 2023**.

VENUE

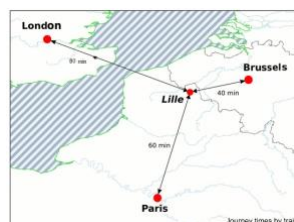
The **indoor sessions** will take place in the **Congress Centre of Lille University 'Lilliad'** on the Campus of the *Cité Scientifique* (Science Campus) at Villeneuve d'Ascq (15 minutes by metro from Lille city centre). They are scheduled from Tuesday, July 11th to Thursday, July 13th 2023, including plenary and parallel sessions.

LOCATION

Lille, capital of the French Flanders, is located in the northernmost part of France. It is very convenient to travel to one of the major international airports in Paris (France), Brussels (Belgium), or London (UK). High speed train connections are regular and very practical, with very short travel times to Lille. Hotels and restaurants are available in all price categories, mostly in walking distance from the metro and train stations.



Palais des Beaux Arts



90 minutes from London
60 minutes from Paris
45 minutes from Brussels



Lille 'Place Général de Gaulle'

This circular intends to remind you of the information regarding the organization of the congress and update some practicalities.

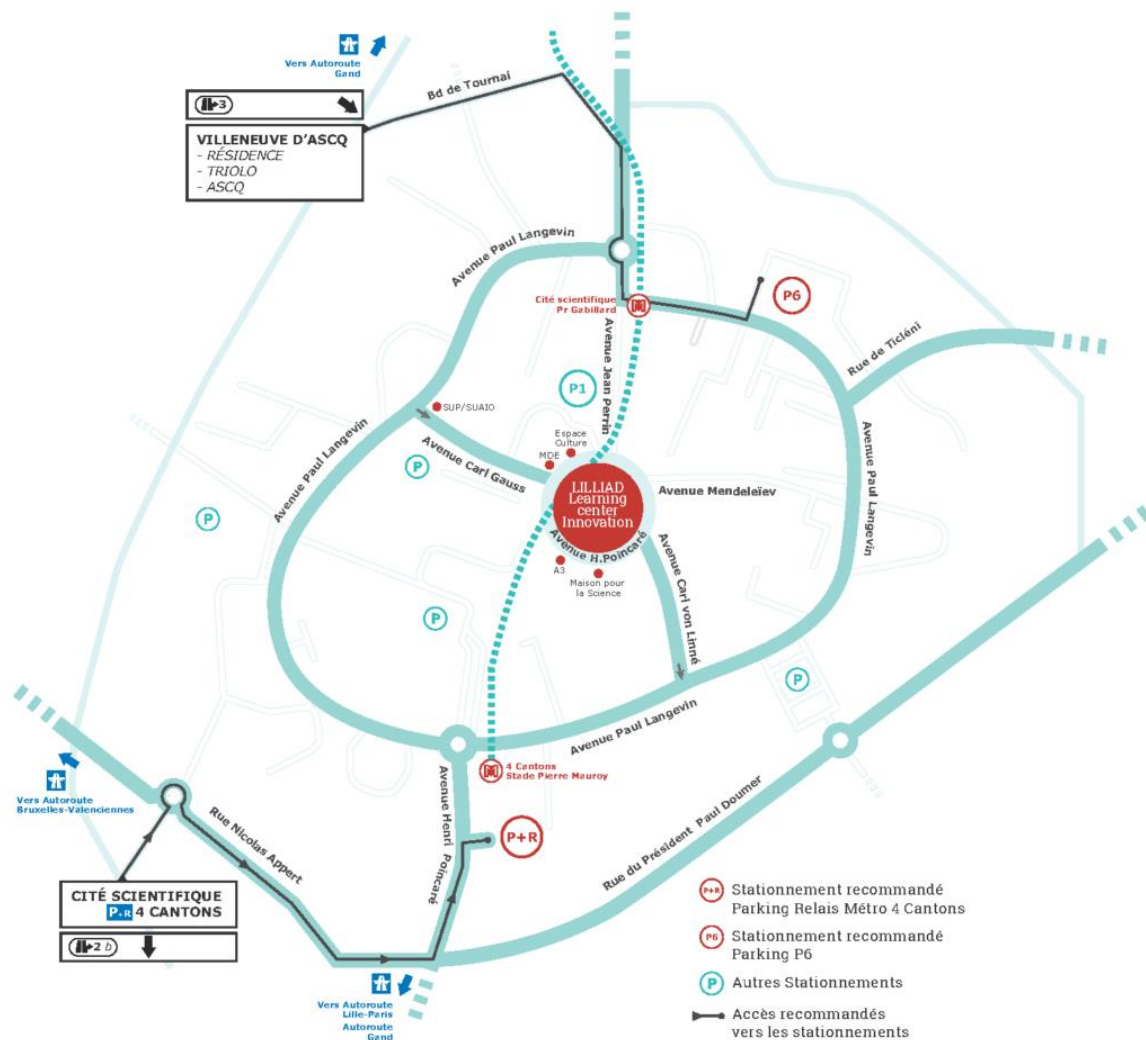
Congress Website: <https://strati2023.sciencesconf.org>

ARRIVAL INFORMATION

The congress centre of Lille University on the Campus “*Cité Scientifique*” (LILLIAD, learning centre and innovation) can easily be reached by the metro line 1. LILLIAD is located in the centre of the Campus, just between the metro stops “*Cité Scientifique Professeur Gabillard*” and “*4 Cantons Stade Pierre Mauroy*”. From both metro stops LILLIAD is in short walking distance (see map below).

Although there is a hotel (Ascotel: www.ascotel.fr) in walking distance from LILLIAD, it is also convenient to book a hotel in the city centre of Lille. From the metro station “*Lille Flandres*” to the campus (LILLIAD) travel time by metro is about 15 minutes.

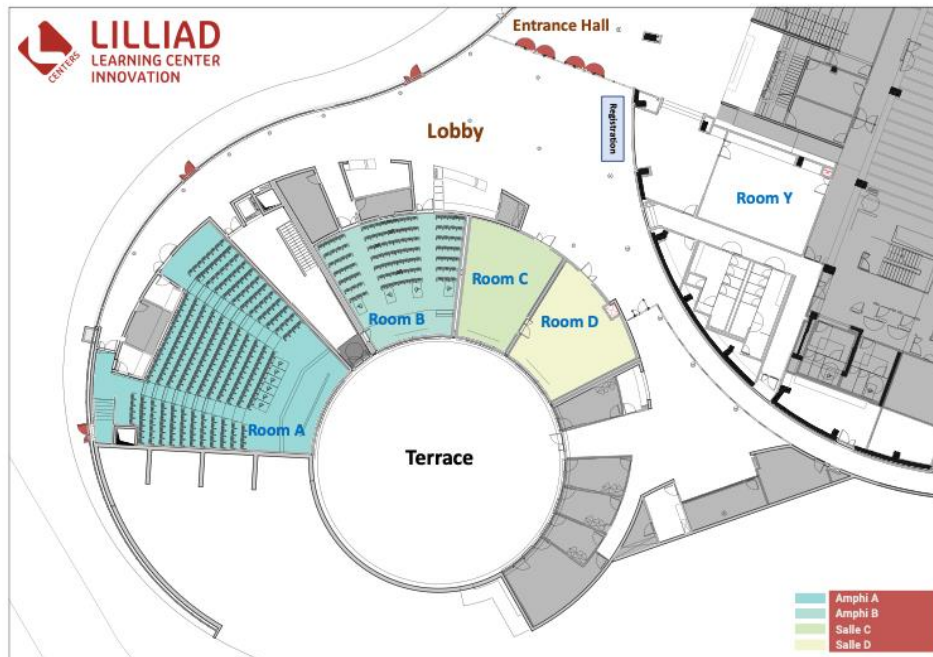
For details on the metro, including schedules, please, visit: <https://www.ilevia.fr/fr/>



Congress Website: <https://strati2023.sciencesconf.org>

VENUE: LILLIAD Learning Center Innovation

The entire congress will take place at the LILLIAD congress centre, with plenary lectures in Amphitheatre A (Room A) and parallel session in rooms A-D. Some business meetings will take place additionally in other meeting rooms of LILLIAD. The congress centre includes numerous working spaces, and a caf etaria.



LILLIAD: building plan, with lecture halls A, B, C, D, Y
(lecture halls S11 and S12 are in the LILLIAD building but outside of the congress centre)

REGISTRATION AND FEE PAYMENT

Over 250 participants registered online; registrations are still possible for the scientific sessions (not for the excursions). Payment of the registration fee can still be made on-site. The congress kit will be distributed at the registration desk Monday, July 10th, between 1 and 8 pm, and the following days, between 8.30 am and 6 pm.

LANGUAGE

English will be the official language of the meeting and the field trips.

WIFI

A free WIFI connection will be available during the congress.

Congress Website: <https://strati2023.sciencesconf.org>

SCIENTIFIC SESSIONS

General scientific themes are organized as plenary sessions; parallel sessions (mostly organized by the different subcommissions), as well as poster sessions.

Remote participation is not possible. The congress is fully on-site!

The following scientific sessions are scheduled. For more detailed information visit the congress website: <https://strati2023.sciencesconf.org/program>

Subcommission Sessions

- SC1: Time-scale calibration (July 12th, 4 pm, Room D)
- SC2: The Anthropocene: stratigraphical concepts and evidence (July 11th, 4.30 pm, Room D)
- SC3: Developments in Quaternary chronostratigraphy (July 11th, 2.15 pm, Room D)
- SC4: Neogene stratigraphy and palaeoceanography (July 12th, 1.30 pm, Room D)
- SC5: Advances in Paleogene research (July 12th, 11 am, Room D)
- SC6: Integrated stratigraphy and GSSPs of the Cretaceous System (July 11th, 2.15 pm, Room A)
- SC7: Cretaceous palaeoceanography, palaeogeography, biota, climate change and critical events (July 13th, 11 am, Room A)
- SC8: The Jurassic: events, correlation and timescale (July 11th, 2.15 pm, Room B)
- SC9: Triassic integrated stratigraphy, GSSPs, and extreme climatic, environmental and biotic events (July 12th, 11 am, Room A)
- SC10: Correlation of glacial events and extinctions: the Permian and beyond (July 13th, 11 am, Room C)
- SC11: Stratigraphy of the Carboniferous world (July 11th, 2.15 pm, Room C)
- SC12: Devonian palaeoenvironments and time (July 13th, 11 am, Room B)
- SC13: New stratigraphic insights into the Silurian story (July 12th, 4 pm, Room C)
- SC14: Ordovician: correlation of events (July 12th, 1.30 pm, Room C)
- SC15: Cambrian stratigraphy, palaeontology and depositional dynamics (July 12th, 11 am, Room C)
- SC16: Tonian to Cryogenian stratigraphy, palaeobiology and Earth system change (July 13th, 11 am, Room D)
- SC17: The Early Precambrian: a chronology of invisible time (July 13th, 2.30 pm, Room D)

General Sessions:

- GP1: Advances in cyclostratigraphy – reconstructing geological time, palaeoclimate, and the Solar and Earth-Moon systems (July 13th, 9.45 am, Room A, Plenary)
- GP2: From rock to time: evolutionary lineages and the calibration of the Chronostratigraphic Scale (July 12th, 9.45 am, Room A, Plenary)
- GP3: Quantitative stratigraphic analysis using databases (July 12th, 11 am, Room B)
- GP4: Palynology as a tool in multidisciplinary research: advances and applications (Aramco – CIMP sponsored session) (July 12th, 1.30 pm, Room B)
- GP5: Integrated stratigraphy: methods and concepts (July 13th, 10.15 am, Room A, Plenary)
- GP7: Miscellaneous session (July 12th, 4.30 pm, Room D, and July 13th, 4 pm, Room A, Plenary)

All talks are scheduled for a 15 minutes duration (with few exceptions for speakers being scheduled for two time-slots). Slide presentations should be saved in pdf format on a USB stick and should be uploaded on the computer during the break before the session in which the paper is presented, or earlier.

KEY-NOTE LECTURES

The following key-note lectures (45 minutes) are scheduled as plenary talks:

Laia Alegret (Zaragoza, Spain): Global events of the Paleogene: towards a refined and complete record **(July 12th, 9 am, Room A, Plenary)**

Lucia Angiolini (Milano, Italy): The biomineral archive of Carboniferous and Permian climates and environments **(July 11th, 9.30 am, Room A, Plenary)**

Steven Holland (Athens, GA, USA): The interplay of stratigraphic architecture and ecological gradients: the oft-overlooked control on the stratigraphic occurrence of fossils **(July 13th, 4.30 pm, Room A, Plenary)**

Michael Joachimski (Erlangen, Germany): Chemostratigraphy: Potential and Limitations **(July 11th, 10.45 am, Room A, Plenary)**

Jacques Laskar (Paris, France): The AstroGeo project. The interplay between space missions, celestial mechanics and the analysis of stratigraphic series **(July 13th, 9 am, Room A, Plenary)**

Christopher Scotese (Evanston, IL, USA): The Earth System History Machine: A Dynamic Simulation of Plate Tectonics, Paleogeography, Paleoclimate and Paleobiogeography **(July 11th, 1.30 pm, Room A, Plenary)**

POSTER SESSIONS

Due to a full programme, poster presentations are scheduled during the lunch and coffee breaks, but not during specific sessions.

All posters will be displayed in the lobby of the congress center during the entire congress duration.

Those who have registered for a poster must bring their poster printed in A0 size, portrait (not landscape). Poster boards are available with magnets.

WORKSHOPS

Two workshops are scheduled (registration needed)

WS1: OneStratigraphy Database and Constrained Optimization (CONOP) analysis
(July 10th, 2 pm, Room A)

WS2: Radio-isotopic dating
(July 10th, 2 pm, Room B)

Congress Website: <https://strati2023.sciencesconf.org>

Monday July 10th				
A	B	C	D	

Registration	Workshop One Strategy (CONOP)	Workshop Radiocarbon dating	Workshop Devonian-Carbon boundary Working Group	
Breakfast Reception				

Tuesday July 11th				
A	B	C	D	

Registration	Opening Ceremony	ANGOLINI		
Keynote 1				
Coffee				
Keynote 2		JOACHIMSKI		
Mishi Ceremony				
Lunch		ICS business meeting (executive chairs)		
Poster Session				
Keynote 3		SCOTSE		
SG6 Cretaceous	SG8 Cretaceous	SG41 Carbonif.	SG3 Quatern.	
Coffee				
SG9 Cretaceous	SG8 Cretaceous	SG11 Carbonif.	SG3 Quatern.	
			SG2 Anthrop.	
Apian Boundary Working Group	Jurassic Subcomm	Carbonif Subcomm	Quatern Subcomm and Anthrop. Working Group	Neogene Subcomm
				Cryogian Subcomm

Wednesday July 12th				
A	B	C	D	

Registration				
Keynote 4		ALLEGRET		
GP2 Chronostratigraphy				
Coffee				
SG5 Trask	GP3 Quant.	SG3 Cambrian	SG5 Palaeogene	
Lunch				
Poster Session				
SG3 Trask	GP4 Polyphony	SG4 Ordovician	SG4 Neogene	
Coffee				
SG9 Trask	GP4 Polyphony	SG13 Silurian	SG1 Timescale	
			GP7	
Trask Subcomm	Cretaceous Subcomm	Silurian Subcomm	Devonian Subcomm	Premian Subcomm
				Cambrian Subcomm
				Ordovician Subcomm
Conference Dinner				

Thursday July 13th				
A	B	C	D	

Registration				
Keynote 5		LASKAR		
GP3 Cyclostratigraphy				
GP3 Integrated Stratigraphy				
Coffee				
SG7 Cretaceous	SG12 Devonian	SG10 Permian	SG16 Cypg.	
Lunch				
Poster Session				
SG7 Cretaceous	SG12 Devonian	SG10 Permian	SG16 Cypg.	
Coffee				
GP7 Miscellaneous				
Keynote 6		HOLLAND		
Closing Ceremony				

General Timetable of Sessions, Business meetings, Workshops and Breaks

BUSINESS MEETINGS: ICS, SUBCOMMISSIONS, WORKING GROUPS

ICS Business Meeting: July 11th, 12 pm, Room D (limited to ICS Subcommittee chairs)

Subcommission on Stratigraphic Classification (July 12th, 12.30 pm, Room D)

Quaternary Subcommittee (July 11th, 6 pm, Room D)

Neogene Subcommittee (July 11th, 6 pm, Room Y)

Cretaceous Subcommittee (July 12th, 6 pm, Room B)

Aptian Boundary Working Group (July 11th, 6 pm, Room A)

Jurassic Subcommittee (July 11th, 6 pm, Room B)

Triassic Subcommittee (July 12th, 6 pm, Room A)

Permian Subcommittee (July 12th, 6 pm, Room Y)

Carboniferous Subcommittee (July 11th, 6 pm, Room C)

Devonian Subcommittee (July 12th, 6 pm, Room D)

Silurian Subcommittee (July 12th, 6 pm, Room C)

Ordovician Subcommittee (July 12th, 6 pm, Room S12)

Cambrian Subcommittee (July 12th, 6 pm, Room S11)

Cryogenian Subcommittee (July 11th, 6 pm, Room S11)

ICEBREAKER PARTY

The congress will start with an **icebreaker party** (free) that is scheduled on Monday July 10th, 6 to 8 pm, in the Lobby and Terrace of the Congress Center LILLIAD. The reception is scheduled as a welcome cocktail (not a dinner).

CONFERENCE DINNER

The **conference dinner (registration needed)** will be organized on Wednesday, July 12th, at the Hermitage Gantois, an ancient hospice (a former charitable almshouse) of the late 15th Century, located in the city centre of Lille, in walking distance from the railway station (200 m distance from the metro station “Marie de Lille”). The reception and dinner will take place in the “Salle des Hospices” the historical main caring room.

<https://www.hotelhermitagegantois.com>



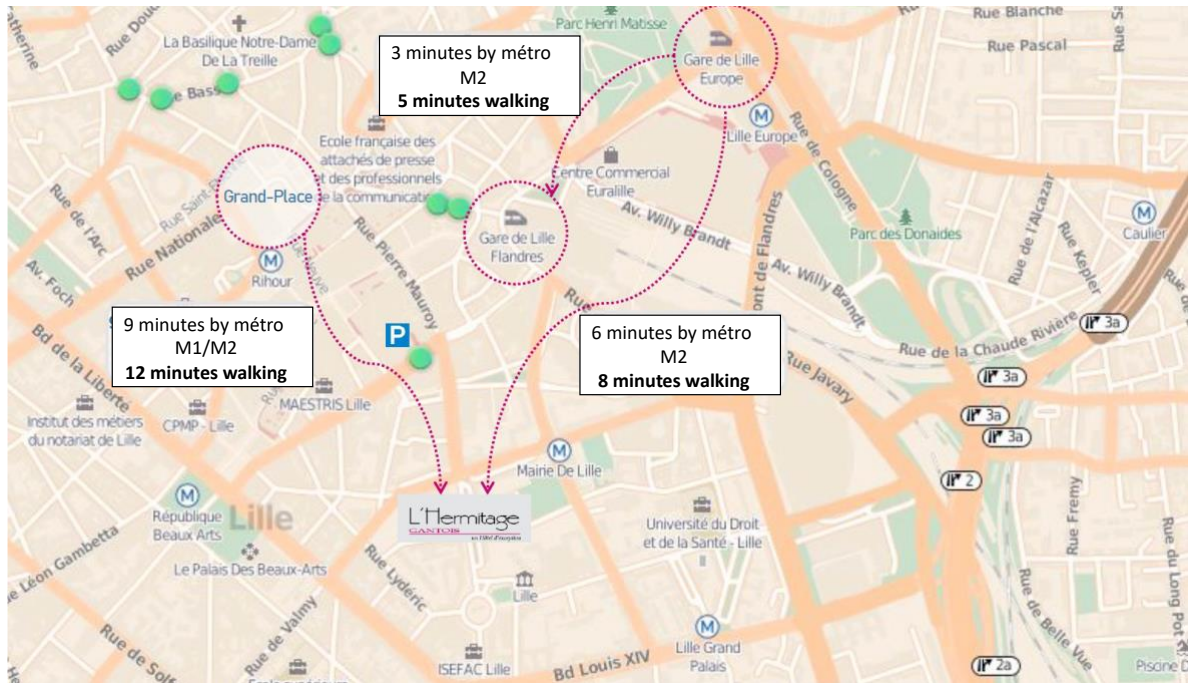
Salle des Hospices



Hermitage Gantois



Hermitage Gantois: Venue of the Conference Dinner



City centre of Lille with location of the railway stations, the Grand Place and the Hermitage Gantois

EXCURSIONS

Several **pre- and post-conference excursions and one-day field trips** are scheduled to take place before and after the indoor meeting. The field-trip leaders will contact individually the participants of each excursion.

Two excursions will not leave from Lille (UK Classics, and Estonian Ordovician). Please, contact the organizers directly.

Three excursions will leave and return from/to Lille:

One-day field trip to Upper Jurassic of the French ‘caps’ (opposite the cliffs of Dover)

Monday, July 10th

Departure: July 10th, 7.45 am, Métro Station “4 Cantons Stade Pierre Mauroy”.

Return: July 10th, 6 pm.

One-day field trip to the ‘Tertiary’ of Flanders, Belgium

Ypresian and Rupelian (Paleogene).

Friday, July 14th

Departure: July 14th, 7.45 am, Métro Station “4 Cantons Stade Pierre Mauroy”.

Return: July 14th, 6 pm

Post-congress excursion 3

Friday July 14th to Sunday July 16th 2023

Belgian Classics: Devonian-Carboniferous of southern Belgium and northern France.

Departure: July 14th, 7.45 am, Métro Station “4 Cantons Stade Pierre Mauroy”.

Return: July 16th, 6 pm



Cap Blanc Nez – Côte d’Opale



Devonian type section of Givet, Meuse Valley

Congress Website: <https://strati2023.sciencesconf.org>

ORGANIZATION

Committees

General Chairs

Thomas Servais, Lille, France (chair)
Catherine Crônier, Lille, France (vice-chair)

Scientific Committee

Lucia Angiolini, Milano, Italy (Chair Permian Subcommission)
Laia Aredret, Zaragoza, Spain (Chair Paleogene Subcommission)
Markus Aretz, Toulouse, France (Chair Stratigraphy Section, *Société Géologique de France*)
Anne-Christine Da Silva, Liège, Belgium (Secretary Subcommission Time Scale Calibration)
Bertrand Lefebvre, Lyon, France (Secretary Ordovician Subcommission)
Emanuela Mattioli, Lyon, France (Vice-Chair Jurassic Subcommission)
Bernard Mottequin, Brussels, Belgium
Maria Rose Petrizzo, Milano, Italy (Chair Cretaceous Subcommission)
Alycia L. Stigall, Knoxville, Tennessee, USA (Internet Officer Ordovician Subcommission)

Organizing Committee

The Organizing Committee is composed by members of the CNRS-Univ.Lille research unit "UMR 8198 Evo-Eco-Paleo" and of the French geological society "[Société Géologique de France](#)":

Thomas Servais, Borja Cascales-Minana (CNRS)
Catherine Crônier, Sébastien Clausen, Claude Monnet (University of Lille)
Solange Chaimbault (French Geological Society)

Congress e-mail address: strati2023@univ-lille.fr

Postal address: STRATI2023, UMR 8198, Université de Lille - Sciences et Technologies, Bâtiment SN5 - Cité Scientifique, 59655 Villeneuve d'Ascq, France



Congress Website: <https://strati2023.sciencesconf.org>

SPONSORS

We acknowledge the financial support of the following institutions and sponsors:



أرامكو السعودية
saudi aramco



Schweizerbart
Science publishers

Université
de Lille



Région
Hauts-de-France



Congress Website: <https://strati2023.sciencesconf.org>
