

19th International Symposium on Ostracoda “Back to life” Second CIRCULAR



The French Ostracodologists' Group and the International Research Group on Ostracoda are pleased to invite you to attend the 19th International Symposium on Ostracoda that will be held in Lyon at the University Claude Bernard Lyon 1 from July 18th-22nd 2022.

Hopefully the pandemic situation in France will be better in July than it is at the moment (France accounted for about 10% of the World covid cases this week...). The ISO meetings are rare occasions for ostracodologists of different countries, disciplines, generations to meet and discuss so we'll do anything we can to maintain the meeting in person.

We would like to strongly encourage the younger generation (MScs, PhDs, Postdocs) to come and present their work in front of our welcoming community. The IRGO will provide at least two travel grants (up to 1000€) to students that have no other source of funds for attending the conference. The two best student abstracts will be selected by the advisory board of SF*IRGO (<https://www.support-irgo.net/advisory-board/>) for the attribution of these grants and the laureates will be notified on April 30th the latest.

We also know that not every one of you will be able to attend the meeting. Those participants that know, or expect, that they will be unable to attend in person because of travel, health or mobility restrictions will still be able to present their work and follow the conference online. If their abstracts are accepted, they will be invited to submit pre-recorded talks ahead of the meeting and to attend a live virtual Q&A session after their talks. Oral sessions during the meeting will therefore be a mix of predominantly live, in-person presentations and some pre-recorded presentations, presented to both the in-person and virtual audience. The symposium will thus be fully streamed for virtual attendees but social events taking place in Lyon will be for in-person attendees only.

See you all in Lyon!

Organizing Committee: Vincent Perrier (University Lyon 1), Marie-Béatrice Forel (MNHN Paris) & Sylvie Crasquin (CNRS Paris)

Scientific Committee: Ian Boomer (UK), Simone Nunes Brandao (Brazil), Dan L. Danielopol (Austria), Peter Frenzel (Germany), Martin Gross (Austria), David J. Horne (UK), Okan Kulköylüoglu (Turkey), Alan Lord (Germany), Koen Martens (Belgium), Renate Matzke-Karasz (Germany), Iliaria Mazzini (Italy), Steffen Mischke (Iceland), Tadeusz Namiotko (Poland), Tõnu Meidla (Estonia), Todd Oakley (USA), Julio Rodriguez-Lazaro (Spain), Benjamin Sames (Austria), Isa Schön (Belgium), David Siveter (UK), Robin Smith (Japan), Anna Stepanova (Russia), Akira Tsukagoshi (Japan), Moriaki Yasuhara (Hong Kong, China).

IRGO Officers 2017-2022: Chair: Moriaki Yasuhara — Vice-Chair: Vincent Perrier — Past Chair: Finn Viehberg — Secretary: Iliaria Mazzini — Communication Officer: Robin J. Smith — Treasurer: Renate Matzke-Karasz

PROVISIONAL SCHEDULE

18/07	19/07	20/07	21/07	22/07	23/07	24/07	25/07
Registration	<i>Scientific sessions</i>	Mid symposium excursion	<i>Scientific sessions</i>	Workshops & poster session	Post-symposium field trip	Post-symposium field trip	Post-symposium field trip
Opening ceremony & <i>Scientific sessions</i>			<i>Scientific sessions</i>	IRGO business meeting & Closing ceremony			
<i>Scientific sessions</i>	<i>Scientific sessions</i>		<i>Scientific sessions</i>				
Icebreaker		Conference dinner					

SYMPOSIUM

The Symposium will consist of oral sessions, poster sessions and workshops. Mid- and post-symposium field-trips are also planned.

SCIENTIFIC SESSIONS:

- *Origin and evolution of ostracods:* Crustacean and ostracod evolution, origin and taxonomy of fossil ostracods.

- *Ecology and biology of Recent ostracods:* New advances in the ecology and biology of Recent marine and freshwater ostracods.

- *Ostracod biogeography and biodiversity:* Studies on the geographical and temporal distribution of fossil and Recent ostracods.

- *Ostracods in the Anthropocene:* Ostracods as proxies for environmental monitoring and palaeoenvironmental reconstruction.

- *Methods in ostracodology:* New or advanced methods for the study of ostracods.

- *Pleistocene non-marine Ostracoda:*

Non-marine ostracods are amongst the most versatile and significant microfossils of Pleistocene sediments. They help to decipher palaeoclimatic changes, support reconstructing environmental changes, and have potential for biostratigraphy. Association, morphometric, stable isotope and shell chemistry analyses are the methods to use these bioindicators and proxies. Many examples of applications in Quaternary Geology, palaeobiogeography, geoarchaeology, and geo-hazard research can be found in scientific publications of the last decades. Methods in this field, evolving fast and interdisciplinary approaches, are almost a standard today. The session gives an overview on methods and actual case studies involving Pleistocene Ostracoda. Proposed by *Anna Pint & Peter Frenzel, Friedrich-Schiller-Universität Jena, Germany*

This session is dedicated to Roland Fuhrmann, the leader of Quaternary ostracod research in Central Germany, who passed away in 2020.

The organizers and the scientific committee may combine or open sessions depending on the range and focus of the contributions received.

WORKSHOPS:

The future of Ostracodology organised by *Marie-Béatrice Forel, Cristianini Trecastrò Bergue, Moriaki Yasuhara*

More than one year ago, we launched a call on Ostracon to a community-scale reflection on emerging and important questions in the field: what do we identify today as the big questions of the next years for ostracodology? We received numerous questions that deal with very diverse fields of our discipline and illustrate the importance of sharing our views on the important challenges we, ostracod researchers, should address next. This workshop will aim at continuing this discussion around larger thematic we identified from the submitted questions. All participants are welcome to join the discussion, including online, and the email address to send additional questions (ohmyostracod@gmail.com) will remain active until the day of the workshop. We hope that this workshop can result in a group publication illustrating our community reflection on what is ostracodology in 2022, its emerging topics and big challenges to come.

Towards a standardised protocol in sampling and processing ostracods from soft bottom habitats organised by Peter Frenzel & Anna Pint

Ostracoda are a versatile tool in Quaternary palaeo-science and have a high potential for conservational palaeobiology as well. Making results from ostracod analyses comparable needs standardised methods in sampling, processing and analyses. Those are already existing for Foraminifera in form of the FOBIMO protocol, making them fit for their use in biomonitoring. Certainly, the community of ostracod researchers needs a similar approach to make a step forward towards the systematic use of ostracods in water quality research and related fields of study. We present suggestions for a standardised protocol and want to discuss it in order to produce a thoroughly considered guideline useful for our research community.

Workshop proposals are welcome before March 31st 2022 (please, address the proposals to iso2022@univ-lyon1.fr. They will be examined by the Organizing Committee).

ABSTRACTS:

Abstracts of oral communications and posters will be compiled in an abstract volume that will be given to in-person participants during the conference. Additionally, all participants will receive a pdf version of the abstract volume. Deadline for the abstract submission is **March 31st 2022**. The abstract must follow the abstract format given bellow and must be uploaded online here: <http://iso2022.univ-lyon1.fr/en>.

The Scientific Committee reserves the right to propose a change of the communication type (oral or poster) and session originally proposed by the authors.

Abstract format is as follow:

Title: Calibri 12pt, bold

Name(s) of author(s): Calibri 10pt; add an "*" for the person presenting

Institution(s): Calibri 10pt

Abstract: Calibri 12pt, max 200 words

Keywords: Calibri 10pt, max 5 keywords

PROCEEDINGS OF THE SYMPOSIUM:

All contributions to the proceedings of the Symposium will be gathered in *Revue de Micropaléontologie* (IF 1.44): it is interested in all aspects of micropalaeontology, including biological aspects as they are vital for calibrations and validation of actualism.

The **deadline** for the manuscript submission will be in **December 2022**. The best student paper submitted for the proceedings will be awarded a 6-month open access.

PRICES, NEXT ISO AND IRGO MEETINGS (AFTERNOON OF FRIDAY JULY 22ND):

Prices for the best student/early career talk and poster: The Sylvester Bradley Award for the best student/early career talk will be sponsored by the Micropalaeontological Society and the funds for the best student/early career poster will be given by the IRGO.

Next ISO proposal: Some time will be allocated for the proposals to the organisation of the next ISO meeting in 2025. If you are interested in organizing the next ISO conference, please prepare a short presentation of your proposal.

IRGO and sfIRGO meetings: At the end of the afternoon, before the closing ceremony, will be held the business meetings of the International Research Group on Ostracoda and the society of friends of the IRGO.

O-BAZAAR:

As was successfully organised in Gdańsk for the 9th EOM European Ostracodologist's Meeting in 2019, we will set up an Ostracodologists' Bazaar in support of IRGO. All proceeds go to IRGO and will be used to support ostracod research, such as travel grants for young researchers.

Everybody is welcome to a look around for anything ostracod-related that you don't need anymore, but that could be useful to a colleague: books, reprints, sampling-tools, artwork (even produced by yourself!). If you don't join ISO19, try to give your item(s) to someone who does.

The O-Bazaar will take place during the coffee breaks in a special room, and will be run by staff. 'Regular' items will be sold directly on a first-come, first-serve basis, while for outstanding/very special items, silent auctions will be held.

So please bring your treasures and hand them over to the staff during registration.

MID-SYMPOSIUM EXCURSION (WEDNESDAY JULY, 20TH)

The mid symposium excursion will take us to the countryside around Lyon, first along the Rhône river, then in the Dombes and Beaujolais areas.

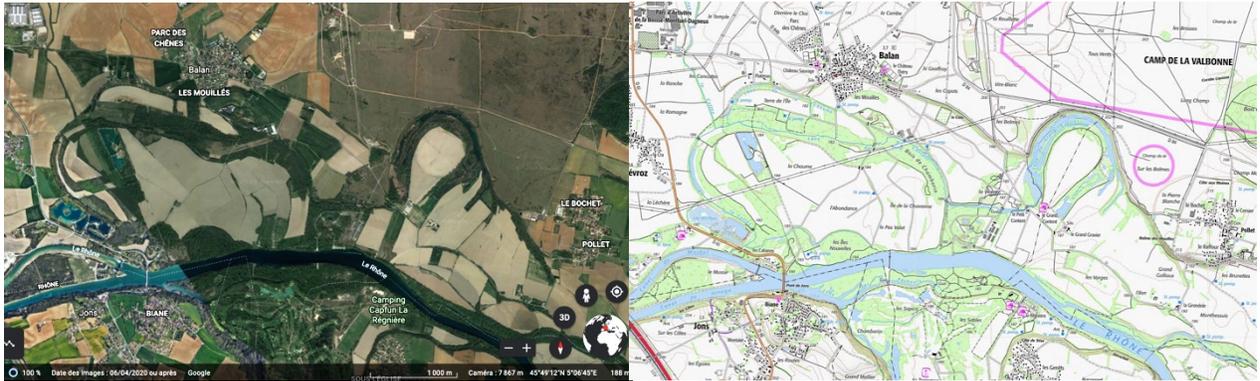
The Rhône is a major river in France and Switzerland, arising in the Alps and flowing west and south through south-eastern France before discharging into the Mediterranean Sea. Before urbanization it was a very lively river, and relics of its past activity are still visible in the shape of paleo-meanders a few kilometres east of Lyon. We will stop in several places along these palaeo-meanders to explore and collect their Recent ostracod fauna in different freshwater environments.

After that we will travel a few km north-east toward Pérouges, a medieval walled village perched on a small hill that overlooks the plain of the river Ain. The village of Pérouges is classified among the ‘Most Beautiful Villages of France’ which makes it one of the most touristic places in the area. It is an ancient city of weavers, whose double walled enclosure disappeared in the 18th century.

Lyon is well known as the French capital of gastronomy (though not according to Paris colleagues ^), but it is also surrounded by the famous vineyards of Beaujolais, Burgundy and the Rhône Valley. As a trip to France would not be the same if it does not involve a trip among vineyards, we will end the mid-symposium field trip with the visit to a Beaujolais vineyard and wine cellar and some wine tasting.



Paleo-meanders of the Rhône River



Village of Pérouges



Beaujolais landscapes and entertainment



POST-SYMPOSIUM FIELD-TRIP (SATURDAY 23RD TO MONDAY 25TH OF JULY)

The post-symposium field-trip needs a minimum 16 participants and no more than 24 to take place. Booking will be on first-come first-served basis according to the reservation order. The field-trip will be organized in the Camargue region, where both recent and fossil ostracods can easily be found.

Camargue is located south of Arles, between the Mediterranean Sea and the two arms of the Rhône delta. The eastern arm is called the Grand Rhône; the western one is the Petit Rhône. It lies within the department of Bouches-du-Rhône (Mouths of the Rhône), and covers parts of the territory of the communes of Arles (red star on the maps), Saintes-Maries-de-la-Mer, and Port-Saint-Louis-du-Rhône. A further expanse of marshy plain, the Petite Camargue (little Camargue), just to the west of the Petit Rhône, lies in the department of Gard.



With an area of over 930 km², the Camargue is western Europe's largest river delta which is home to many plant and animal species, including the iconic flamingos and horses. It is a vast plain comprising large brine lagoons, cut off from the sea by sandbars and encircled by reed-covered marshes. These are in turn surrounded by a large cultivated area. Approximately a third of the Camargue is either lakes or marshland. The central area around the shoreline of the Étang de Vaccarès has been protected as a regional park since 1927, in recognition of its great importance as a haven for wild birds. In 2008, it was incorporated into the larger Parc naturel régional de Camargue.

Pond at Beauduc, in Grande Camargue



'Sansouire', steppes with salty soil where adapted plants, the salicornia, grow

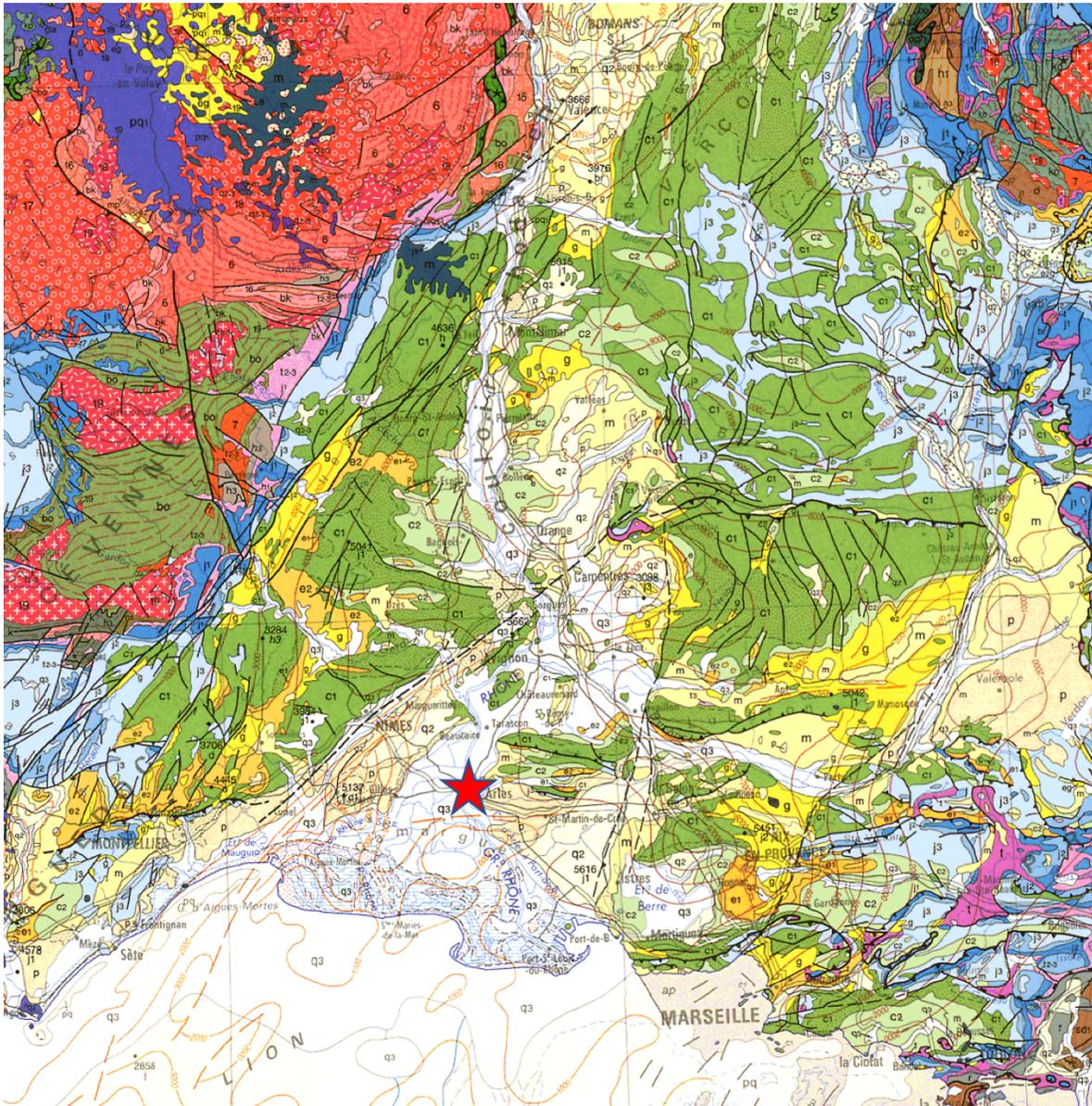


Vegetation on the banks of the salt ponds of Salin de Giraud (see position on the previous map)



Petit Rhône

The area around Arles is also rich in outcrops ranging from the Cretaceous to the Pleistocene:



Field-trip fee will be around 300-400€ and payment will have to be made before **March 31st, 2022**. The field-trip fee will include the excursion bus, the field-guide, meals and hotels (double room). To book the field-trip(s), please contact us to the following address: iso2022@univ-lyon1.fr.

At the time of writing, we lack visibility on details of the excursion because of the uncertain covid situation. An addendum to the 2nd circular will be provided as soon as possible.

VENUE

Lyon is the third-largest city and second-largest urban area of France. It is located at the confluence of the rivers Rhône and Saône, about 500km southeast of Paris. Former capital of the Gauls at the time of the Roman Empire, Lyon is now recognized for its cuisine and gastronomy, as well as historical and architectural landmarks: the districts of Old Lyon, the Fourvière hill, the Presqu'île and the slopes of the Croix-Rousse that are inscribed on the UNESCO World Heritage List.

Its central position in France makes it very easy to reach in by any means of transportation:

- *By train:* Lyon has three large train stations (Part Dieu, Perrache & Vaise stations) that are linked to many French and European cities (e.g. Paris-Lyon = 2h; Geneva-Lyon = 2h).

- *By car:* The central position of Lyon makes it also easy to reach by car. But note that, in the city, it is difficult to find a parking spot and parking fees are expensive. Parking close to the conference venue is much cheaper/easier.

- *By plane:* The Lyon Saint Exupéry airport is situated about 20km east of the city center and is linked to the main train station (Part Dieu) by the Rhône Express tram (less than 30min trip; departure every 15 minutes from 4.25am to midnight). It is connected to most major European cities. Please, think twice before choosing the plane option, especially if you are travelling from Europe. Plane travel emit $\approx 40-80$ times more CO₂ than train (in France), and about ≈ 6 times more than a car with four persons inside!

Public transport in Lyon: In your conference bag, you will be given five daily passes that will allow you to use freely the public transports of the city during all the conference.

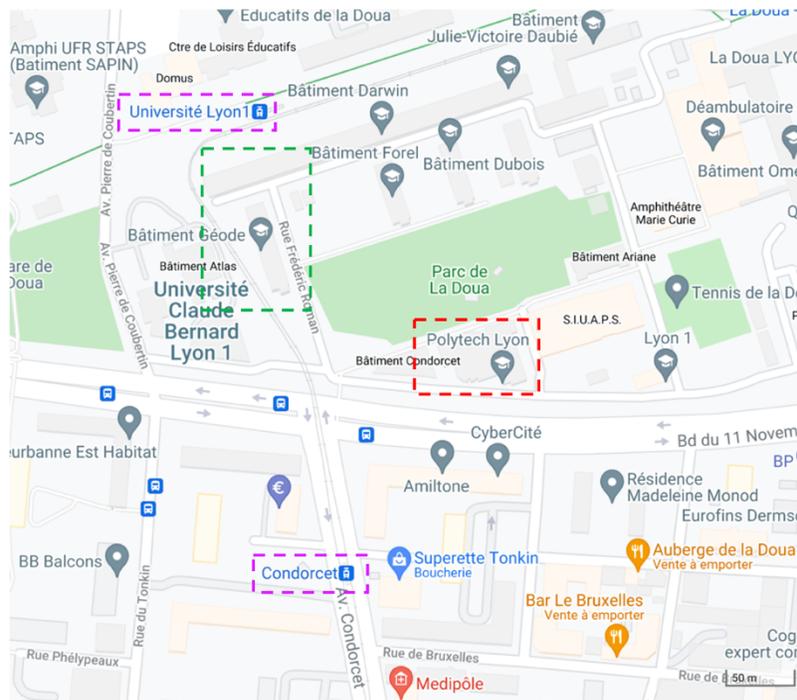
Visa requirements: Please, check your individual circumstances for entry to France. If you need an official invitation to get your visa contact the 19th ISO organizers (iso2022@univ-lyon1.fr)



SYMPOSIUM VENUE

The Symposium will ideally be held next to the Geology Department in the Polytech amphitheatre of the University Lyon 1 (15 Bd Latarjet 69100 Villeurbanne). The venue is situated near the tramway T1 & T4 stop “Condorcet” which is two stops away from Metro lines A & B stop “Charpenne”.

The lecture hall (220 seats) is equipped with computers, video projectors, and video cameras. Free wifi connection will be available in the lecture hall and in the congress building. Smaller rooms for meetings and workshops, equipped with computers and video projectors will be also available. One room with microscopes will be available for scientific discussion and material exchange during the Symposium. The Lyon collections of ostracods (A.M. Bodergat, G. Carbonnel, V. Perrier...) will be available for study. During the conference, microscope companies will display their technical equipment.



- Conference venue
- Tram stations (T1 & T4)
- Geology department and ostracod collections

ACCOMMODATION

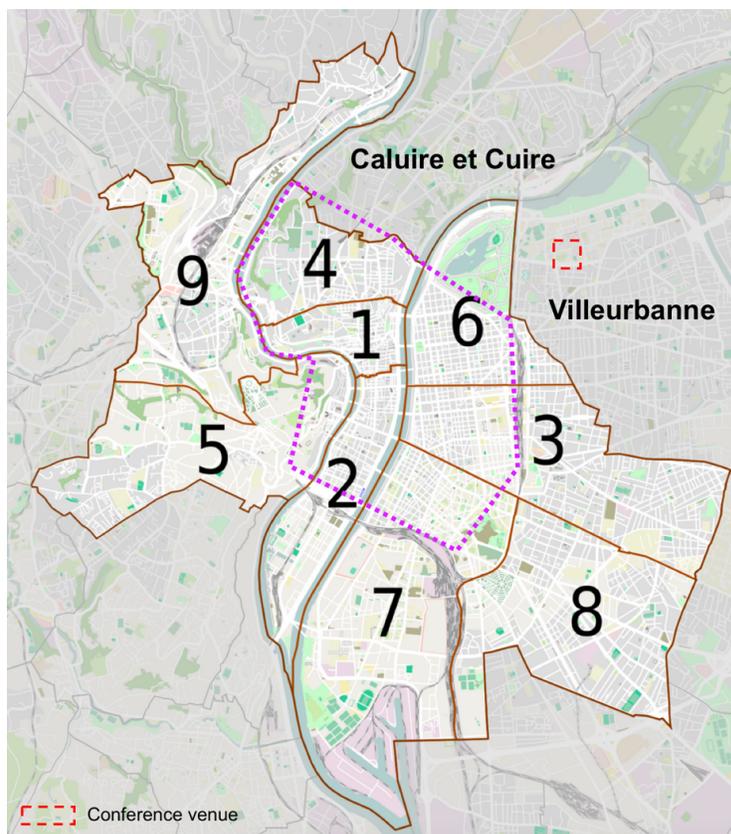
Lyon is an important tourist destination that can offer all kinds of accommodation, from luxury hotels to bed & breakfast and hostels.

You can easily find a room on websites like <http://www.booking.com> or <http://www.tripadvisor.fr>.

We suggest choosing a hotel near city centre from which you can reach anywhere in the city (including the conference venue) in less than 30min. The map of Lyon's districts below shows the nicest parts of the city circled in purple. You may also find cheaper accommodation in Villeurbanne and Caluire et Cuire.

We'll offer some discounts in a selection of hotels, more to come in the addendum to the 2nd circular that we'll provide as soon as possible

Please note that accommodation booking and payment cannot be taken by 19th ISO organisers.



COVID REGULATION (FOR THE TIME BEING...):

Please, note that with the current French regulation, it is compulsory to wear a mask in all buildings (including the conference venue), even if you have a covid certificate. At the moment, the mask is even compulsory outdoor within the city of Lyon.

There will be no controls of the covid certificate in the university buildings but make sure you have this document (on your phone or printed), else you will not be able to enter the restaurants (including the annual dinner), but also museums, exhibits, ... This document certifies that you are fully vaccinated.

For non-EU participants, please have a look at the following website:

<https://www.diplomatie.gouv.fr/en/coming-to-france/coronavirus-advice-for-foreign-nationals-in-france/coronavirus-statements/article/applying-for-a-covid-certificate-if-you-were-vaccinated-abroad-procedure-for>

For EU participants, the document corresponds to the EU Digital COVID Certificate:

https://ec.europa.eu/info/live-work-travel-eu/coronavirus-response/safe-covid-19-vaccines-europeans/eu-digital-covid-certificate_en

Do not hesitate to get in touch with us, in case of any question/doubt.

REGISTRATION

Registration to the Symposium, the annual dinner and the post symposium field trip are now open on this website: <http://iso2022.univ-lyon1.fr/en>

The Registration fee for **permanent and junior** (i.e. undergraduate students, PhD students, post-doctoral fellows, unemployed researchers) **participants** includes the abstract volume, the proceeding volumes, the ice-breaker party, the coffee-breaks, the five lunches and the mid-congress excursion. **Accompanying persons** will be welcome at all the social events as well as at the mid-congress excursion. **Virtual attendees'** fees include the live stream of the whole conference (four days) plus the possibility to pre-record a presentation that will be played during the symposium. They will be able to answer questions during a live online session at the end of each day.

FEES (payment made **before April 30th, 2022**): Senior participants 350€; Junior participants 250€; Accompanying persons 100€; Virtual attendees 150€; Annual dinner 60€

FEES (payment made **after April 30th, 2022**): Senior participants 450€; Junior participants 350€; Accompanying persons 150€; Virtual attendees 200€; Annual dinner 60€

Please note that very late registration and payment during the Symposium will be possible.

SUMMARY OF DEADLINES

October 31st 2021 First Circular – Pre-registration form, suggestions for workshop(s).

January 15th 2022 Second Circular – Symposium and field-trip(s) registrations, opening of abstract submission.

March 31st 2022 Deadline for abstract submission.

April 30th 2022 Decisions on abstracts (including travel grants) and deadline for payment of reduced fees for symposium and field-trip(s)

May 31st 2022 Third Circular – Full programme of Symposium and field trips.

December 15th 2022 Deadline for submission of manuscripts for the conference proceedings.