



The 9th annual Large Hadron Collider Physics conference

First Bulletin – January 2021

Dear Colleagues,

We are pleased to announce the ninth annual Large Hadron Collider Physics (LHCP2021) conference that is planned in **Paris, France, from 7th to 12th June 2021**. The conference will be hosted in the Pierre et Marie Curie campus of Sorbonne Université, in downtown Paris.

The conference website is at <https://indico.cern.ch/e/LHCP2021>, where up-to-date information can be found.

At the time of writing, we are optimistic that continuing progress in COVID-19 vaccination, diagnostics and treatments will allow us to gather together in person for LHCP2021. We are anticipating that LHCP2021 will be one of the first big HEP conferences to be held largely in person again, just as LHCP2020 was one of the first large, fully online, conferences. Remote participation options are nonetheless foreseen, and a switch to a fully online conference is kept as the fall-back. The decision whether to proceed with the in-person conference will be taken by mid-March 2021.

Scientific programme

The LHCP conference series began in 2013 as a successful fusion of two international conferences, "Physics at the Large Hadron Collider Conference" and the "Hadron Collider Physics Symposium".

The programme will contain a detailed review of the latest experimental and theoretical results on collider physics, with results of the Large Hadron Collider Run II (LHC at CERN, Geneva), and discussions on further research directions within the high energy particle physics community, both in theory and experiment.

The main goal of the conference is to provide intense and lively discussions between experimenters and theorists in such research areas as the Standard Model Physics and Beyond, the Higgs Boson, Supersymmetry, Heavy Quark Physics and Heavy Ion Physics as well as to share recent progress in the high luminosity upgrades and future collider developments. The program includes 12 plenary and 8 parallel sessions.

The venue

The conference venue is the Pierre et Marie campus of Sorbonne Université, in the heart of downtown Paris, in the ancient “Quartier Latin”, close to Notre Dame and the Seine river. The venue offers a comfortable place with the new auditorium of the Conference Center of Sorbonne Université and various rooms for parallel sessions that are located next to a 400 m² reception hall.

See the following map [link](#).

While it is our intention to hold the conference with as many attendees as possible on-site, circumstances such as travel restrictions or health issues may eventually prevent physical attendance for some participants: good accessibility (videoconference, recordings, captioning) will be offered in such cases.

Conference fees

Participants can register to the conference under one of the categories shown in the table below along with the corresponding fees.

Category	<i>Early registration fee (before April 12th 2021) [EUR]</i>	<i>Late registration fee (from April 12th 2021) [EUR]</i>
PhD student	270	300
Standard participant	450	500

Due to the uncertainties related to the conference format because of COVID-19, we ask participants to register, but not to pay the fees until the decision on the conference format is taken in March 2021.

It will be possible to cancel registrations with a full reimbursement of the fee until 14 May 2021, by emailing lhcp-2021@cern.ch. Bank or credit card charges related to the conference fee payment will not be refundable.

The fee includes the reception cocktail in a museum, “Wine&Cheese” tasting during the poster session, 6 lunches, 10 coffee breaks, and the conference banquet.

It is possible to register an accompanying person paying a 150 EUR fee that will cover the reception cocktail and the conference banquet. The accompanying person’s registration and the corresponding fee payment must be done during the participant’s registration process and fee payment, respectively.

Registration

Registration is now open at <https://indico.cern.ch/event/905399/registrations>

Call for poster abstracts

The call for poster abstracts is open. The closing date for submitting abstracts is 5th April 2021.

Besides posters from LHC collaborations we encourage posters from other experiments, including from experiments not at accelerators, but carrying out research relevant for LHC particle physics, and from theoreticians.

Selected abstracts will be presented and discussed in dedicated poster sessions. Posters will appear on the proceedings. Prizes for the best posters will be awarded. Participants from experimental collaborations intending to present a poster should upload their abstracts as soon as they are approved by the respective collaborations.

Proceedings

Conference proceedings in electronic form with online open access will be published. Poster contributions will be included.

Social programme

- The reception cocktail, with food and beverages, will be offered on Tuesday 8th June in the “Musée des Arts Forains” (<http://arts-forains.com/en/>), a private museum of funfair objects used in the performing arts in the 19th and 20th centuries.

- “Wine & Cheese” tasting, with a selection of renowned French products, will be offered on Thursday (10th June) late afternoon during the poster session, in the covered patio just above the Conference Center auditorium.
- On Wednesday 9th June afternoon there is free time for sightseeing in Paris.
- An outreach social event for the general public will be held on Wednesday 9th June at Institut océanographique de Paris (<https://maison.oceano.org>), a historical building in downtown Paris.
- The conference banquet will be held on Friday 11th June within the “Parc floral de Paris”, a public park and botanical garden located in the 12th arrondissement of Paris.

Accommodation

There are many hotels with various comfort classes in the area. Around 400 hotels are within 2 km from the campus and many more are within a few km and can easily be reached by public transport. More information on the hotel booking will be provided in the next bulletin and on the conference website.

For PhD students we propose low-budget accommodation in a youth hostel in downtown Paris located in the heart of the charming “Marais” district ([link](#)). Beds in shared rooms are available for 6 nights (6-12 June) for a total rate of 240 euros. If you are interested, please select this option at the time of the registration. Only reservations for the full 6-night block are accepted.

Travel

Several international train stations located downtown and three international airports (Charles de Gaulle, Orly, and Beauvais) in the surrounding suburbs will provide excellent connectivity around the world.

Inside the city, the network of subways, buses and regional trains (RER) makes it easy to reach any point of the city in a short time.

The Pierre et Marie Curie campus is served by two subway lines (station “Jussieu”, lines 7 and 10) and various bus lines. It is also close to stations of RER regional trains of various lines (A-D). When arriving in Paris by plane from Charles de Gaulle or Orly airports, the conference location can be reached with the RER B line and then transferring to the subway line 10 at the Saint-Michel station. When arriving by

TGV at Gare de Lyon from Geneva a direct bus (line 63, “Jussieu” stop) or subway allows to reach the site in 10 minutes. For more information please visit the website of the public transport system, www.ratp.fr.

Financial Support

Financial support will be provided to a limited number of PhD students and young postdocs. Applications for financial support must be e-mailed to lhcp-2021@cern.ch together with a CV and a reference letter from the supervisor no later than 18th March 2021.

Childcare

We welcome children at LHCP2021! We have made arrangements for an onsite lactation room and can provide information related to childcare providers and family-friendly activities.

Important dates

- Early registration deadline.....12th April 2021
- Registration deadline24th May 2021

- Financial support application deadline.....18th March 2021
- Financial support acceptance notification.....25th March 2021

- Poster abstract submission deadline.....5th April 2021
- Poster acceptance notification no later than.....14th April 2021

- Conference dates.....7th-12th June 2021

Contacts

Please, do not hesitate to contact us at lhcp-2021@cern.ch for any additional information and support you may need to prepare yourself for attending LHCP2021. We are looking forward to welcoming you in Paris!

The LHCP2021 Steering Committee