



ICHEP2022 First Bulletin

The INFN Divisions and Universities of Bologna and Ferrara are proud to announce that the 41st International Conference on High Energy Physics (ICHEP2022) will be hosted in Bologna from July 6th to July 13th, 2022. It is the first time in its long and prestigious history that the most important conference of the HEP community will be held in Italy.

Conference web site:

All the information about the conference is accessible from the conference web site: www.ichep2022.it

Conference format

The conference structure will be the usual one for the ICHEP series with the first three days (Thu-Sat) dedicated to parallel sessions and the last three days (Mon-Wed) to invited plenary talks. Restricted satellite meetings of various HEP committees will take place on Sunday.

The organizers are confident that in Bologna the HEP community will come back to meet in person after the pandemic emergency. The present plan foresees a hybrid format with a substantial in-person participation together with the possibility of a fruitful remote participation to people living in areas still heavily affected by travel restrictions. The Local Organizing Committee considers the safety of the participants to be of the utmost importance and is heavily involved in putting in place all the necessary measurements, beyond legal obligations, to guarantee a safe and welcoming environment for the conference attendees. The pandemic evolution will be constantly monitored and possible adjustments in the conference format will be promptly communicated.

The city

Bologna is one of the major Italian cities with a long history and an intense cultural life and is the “house” of the oldest university of the Western world. The historical legacy is witnessed by the many churches, ancient buildings and towers which are scattered everywhere across the city center, which is one of the largest medieval centers in Europe.

Bologna is also known as the “City of Porticoes” following its nomination as a Unesco World Heritage Site in 2021. The porticoes, covered sidewalks with colonnades, extend for more than 38 Km across the city center and for more than 10 centuries have been playing a leading role in the city’s hospitality and good living.

Bologna is easy to reach. The Guglielmo Marconi International Airport (just few minutes from the city center) links Bologna with the main Italian and European airports. The high-speed train connection provides a fast link with the major cities in Italy (~1/2 hour to Florence, ~1 hour to Milan, ~ 1 and ½ hour to Venice, ~ 2 hours to Rome).

The Conference venue

The ICHEP Conference will take place at the Volvo Congress Centre situated in one of the most important fairgrounds in Europe. The main hall, Europa Auditorium, is an elegant multifunctional space with a total capacity of 1700 seats. The venue is ~ 3 Km from the city center, a dedicated bus service from/to the city center will be provided in the morning and in the evening for the transportation of the conference attendees.

Summary of important dates

- Registration will open on **25/01/2022**, deadline for early registration: **15/05/2022**, deadline for late registration: **20/06/2022** (after this date registration will only be possible at the conference registration desk).

- Abstract submission: **25/01/2022 – 31/03/2022**

Registration

The registration will open on 25/01/2022. The fees are differentiated for in person and remote participation, special prices for students are foreseen (see details on the web site). Different kinds of support can be provided for attendees coming from disadvantaged countries, for attendees with children in tow (a free child care service will be available at the conference venue) and for attendees with special needs. Regarding the remote participation, discounts will be provided in case of impossibility to travel due to the pandemic. All the requests of support should be motivated and submitted for approval to the Local Organizing Committee following the instructions provided on the web site.

Abstract submission

The abstract submission will be open from 25/01/2022 to 31/03/2022. The submission to the different session tracks (listed below) should be done using the Indico platform and following the instructions provided on the web site.

Session tracks:

1. Higgs Physics
2. Neutrino Physics
3. Beyond the Standard Model
4. Top quark and Electroweak Physics
5. Quark and Lepton Flavour Physics
6. Strong interactions and Hadron Physics
7. Heavy Ions
8. Astroparticle Physics and Cosmology
9. Dark Matter
10. Formal Theory
11. Accelerators: Physics, Performances and R&D for future facilities

12. Operation, Performance and Upgrade (Incl. HL-LHC) of Present Detectors
13. Detectors for Future Facilities, R&D, novel techniques
14. Computing and Data handling
15. Education and Outreach
16. Equality, Diversity and Inclusion
17. Technology and Industrial Applications

Accommodation

A large variety of accommodations at different prices are available both in the fair district area, close to the conference venue, and in the city center. A list of selected solutions at agreed prices are available for booking directly from the conference web site, including cheap accommodations well suited for young people and students.

ICHEP2022 news and events

- Conference logo: a competitive call for the design of a brand/logotype and a poster for ICHEP2022 was launched in collaboration between INFN and AIAP (Italian association for the visual communication) with deadline for submission 15/12/2021. The call was a great success with more than 350 proposals collected. The results will soon be available on the conference web site and a selection of the submitted proposals will be exhibited during the conference.
- Gala dinner: the XIII century magnificent building “Palazzo Re Enzo” will be the venue of the gala dinner. The building is located in front of Piazza Maggiore (the heart of Bologna) and has always been the hub of the city’s economic and social activities.
- Outreach event: an outreach event for the general public (in Italian) will be organized in Piazza Maggiore in collaboration with the Bologna municipality.