

CHEP 2024



Welcome

The 27th International Conference on Computing in High-Energy & Nuclear Physics will take place at Auditorium Maximum of Jagiellonian University in Kraków, Poland, on 19-25 October 2024. For the latest information about CHEP 2024, please refer to the conference website:

<https://indico.cern.ch/e/chep24>

Call for abstracts

The scientific program for CHEP 2024 will address the computing, networking, and software needs of the world's leading data-intensive science experiments that analyze hundreds of petabytes of data using worldwide computing resources. The conference focuses on high-energy and nuclear physics, but it welcomes contributions from all data-intensive sciences. This year's conference is located in Kraków, Poland, and hosted by AGH University of Krakow.

We hope to see a strong representation from the nuclear physics community.

The CHEP 2024 organizers are committed to fostering a supportive and diverse environment with opportunities for everyone. We strive towards having full participation from the whole community and encourage anyone to attend, even those outside of this field of interest. The attendance of students at CHEP 2024 is strongly encouraged. Selection of talks and posters will be made based on submitted abstracts. The parallel program is organized into nine tracks, listed in the table below:

- ❑ Data and Metadata Organization, Management and Access
- ❑ Online and real-time computing
- ❑ Offline Computing

- ❑ Distributed Computing
 - ❑ Simulation and analysis tools
 - ❑ Collaborative software and maintainability
 - ❑ Computing Infrastructure
 - ❑ Collaboration, Reinterpretation, Outreach and Education
 - ❑ Analysis facilities and interactive computing
- More details on topics covered by tracks available on [conference page](#).

The call for abstracts will open Thursday, February 26th and will close on Friday, May 10th. Exceptional contributions may be proposed for promotion to a plenary talk by the Program Committee. All accepted talks and posters will be allocated space in the published proceedings of CHEP 2024. The proceedings will be published in an open access journal after papers have been peer reviewed under the supervision of the Program Committee.

Important dates

Abstract submission open	26 February
Registration open	26 March
Abstract submission closes	10 May
Abstract acceptance notifications	10 June
Early registration closes	10 July
Conference Registration Closes	23 September
WLCG/HSF Preconference Workshop	19-20 October
Conference	21-25 October

Workshop

The optional pre-conference workshop will be held at the AGH University of Krakow on 19-20 October.

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Transport

Thanks to its location, Kraków is perfectly connected with major cities in Poland, Europe, and worldwide. Kraków's John Paul II International Airport of Balice is situated conveniently on the outskirts of the city, just 15 km (about ten miles) from its center. One can easily get there by a shuttle train, car (the multilevel car park accommodates 1243 vehicles), taxi, or municipal bus lines.

Many people come to Kraków and depart from it using cars or coaches, thanks to the city's extensive road connections. Kraków lies at one of the key European crossroads, on the route from the West via Germany to the East via Ukraine and from Scandinavia to the Mediterranean via Austria. By train it takes 15-20 minutes to reach Krakow Main Train Station from Krakow's airport. Trains operate 7 days a week. The adult fare ('normal') is 17.00 PLN (approximately 3.80 EUR). Tickets can be purchased from ticket machines (passenger terminal, train station) or from a train conductor once aboard. We suggest getting them from ticket machines.

The biggest railway station in Kraków is the Main Train Station (Dworzec Główny). It is situated close to the Old Town. Krakow has direct railway connections with Poland's largest cities as well as with various European capital cities. There are fast train connections with Warsaw (Poland's capital city) every 1-2 hours. The trains are modern, comfortable and the journey takes just 3 hours.

Sponsorship opportunities

Commercial sponsorship of CHEP 2024 is actively encouraged. For information about sponsorship opportunities please visit the conference webpage or contact the email below for sponsorship guidance.

Venue

Auditorium Maximum UJ, the conference center of the Jagiellonian University. Address: ul. Krupnicza 33, 31-123 Kraków, Poland

The conference center is conveniently located in the heart of Kraków, just a 10-minute walk from the main square of the Old Town. The building's function and form are influenced by classical models developed in the civilizations of the Mediterranean Sea basin. The main room is inspired by a Roman amphitheater, in which the central figure was that of the speaker/actor and also allows for spectators' mutual observation and interaction. The center, able to accommodate 1200 participants, offers also a complex of conference halls and support areas. Around the Centre, a special complex for transportation has been erected encompassing ground level parking lots, a bus and minibus terminal and an area for mobile transmission units, as well as all underground parking.

Online view of Auditorium Maximum:
<http://maximum.wkraj.pl/#/12557/0>

Registration

The registration process for CHEP 2024 is scheduled to open in March. The expected registration fees, presented in euro (EUR), will be announced on the conference website.

October 19 - 25, 2024

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Contact

The Conference chairs are Tomasz Szumlak and Agnieszka Dziurda and can be reached at the email: chep2024-admin@cern.ch

Questions about the scientific organization and program should be addressed to the email: chep2024-admin@cern.ch

Questions about sponsorship should be addressed to the Conference Office: office@coti-conference.com

All other inquiries should be addressed to the Conference Office: office@coti-conference.com