



Norfolk, Virginia, USA • May 16-20, 2022

CHEP 2022

Computing in High Energy & Nuclear Physics

FIRST BULLETIN AUGUST 2021

Welcome

The 26th International Conference on Computing in High Energy & Nuclear Physics will take place at the Norfolk Waterside Marriott, Norfolk, Virginia on 16-20 May 2022. For the latest information about CHEP 2022, please refer to the conference website: <https://www.jlab.org/conference/CHEP2022>

Call for abstracts

The scientific program for CHEP 2022 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 is concentrated around high energy and nuclear physics but welcomes contributions from all data intensive sciences. With this year's conference located in Virginia and hosted by the Thomas Jefferson National Accelerator Facility (JLab) we hope to see a strong representation from the nuclear physics community.

The CHEP 2022 organizers are committed to fostering a supportive and diverse environment with opportunities for everyone. We are striving for full participation from the whole community and encourage anyone to attend, even those outside of the field of interest. Student attendance at CHEP 2022 is strongly encouraged.

Selection of talks and posters will be made based on submitted abstracts. The parallel program is organized into twelve tracks, listed in the table below:

- Data and Metadata Organization, Management and Access
- Online Computing
- Offline Computing
- Distributed Computing
- Sustainable and Collaborative Software Engineering
- Physics Analysis Tools
- Facilities and Virtualization
- Collaboration, Reinterpretation, Outreach and Education
- Artificial Intelligence and Machine Learning
- Exascale Science
- Heterogeneous Computing and Accelerators
- Quantum Computing

The call for abstracts will **open Monday, August 16th** and will **close on Friday, November 19th**. Exceptional contributions, suitable for promotion to a plenary talk by the Program Committee, may be proposed. Accepted talks and posters will be allocated space in the published proceedings of CHEP 2022. The proceedings will be published in an open access journal after papers have been peer reviewed under the supervision of the Program Committee.

Special considerations for 2021-2022

CHEP is an international conference and attracts attendees from around the world. Due to the global pandemic occurring at the time of this bulletin there is considerable uncertainty involved in planning CHEP 2022 around a date in May of 2022. We will be offering a provisional registration when we open abstract submission. This will allow people to register while deferring payment of a registration fee until later and allowing cancellation by the attendee if needed. This may be of help to people who wish to submit an abstract but do not know at this time if they will be able to physically attend.

Important dates

Abstract submission open	August 16, 2021
Provisional registration open	August 16, 2021
Abstract submission closes	November 19th, 2021
Abstract acceptance notifications	December 19th, 2021
Early registration closes	February 15th, 2022
Preconference workshop	May 14th and 15th, 2022
Conference	May 16th - 20th, 2022

Venue

The conference will be held in the city of Norfolk in southeastern Virginia at the Norfolk Waterside Marriott. Centrally located in the downtown riverfront area and recently renovated, this spacious hotel features comfortable rooms with both city and river views as well as space for all activities associated with the conference. The rooms and public spaces are Americans with Disability Act (ADA) accessible.

Transport

Norfolk is easily accessible via air and is also accessible via rail from the Washington, DC area. The trip from the Norfolk airport to the Marriott is 15 minutes via taxi or ride share. Be advised that travel times to Norfolk via car can be highly variable due to traffic delays at bridges and tunnels. Nominally, it is a 3 to 3.5 hour drive

from Dulles Airport in Washington, DC. There is a parking garage attached to the Marriott. However, daily access to a vehicle will not be necessary as all events are within a short walk as are restaurants and other attractions.



Dining

We propose that attendees sample the local cuisine for lunch and dinner. There are more than 100 [restaurants](#) within walking distance of the Marriott. For dinner, it is also possible to use the local light rail system (the Tide) or take the ferry to [Portsmouth](#) for additional dining options. The tickets for the Tide and the ferry are \$4.50 for an all-day pass, with the ferry landing located at Waterside. In addition, [VisitNorfolk](#) is sponsoring a discount program at selected local restaurants for conference attendees.

After Hours and Diversions

Norfolk is a vibrant city and fun to explore. Self-guided walking [tours](#) and local museums and attractions offer something for everyone. Steps from the Marriott is [Nauticus](#), a hands-on science and technology center that allows visitors to experience the power of the sea, including interactive exhibits featuring the [Battleship Wisconsin](#). Also in the vicinity of the Marriott are two unique shopping experiences, the historic [Selden Market Promenade](#) and the [MacArthur Center Mall](#). The thriving, local music scene in Norfolk features [venues](#) within an easy walk or Uber ride from the Marriott. There are also several nature preserves nearby, including the [Norfolk Botanical Gardens](#), [First Landing State Park](#) and [Back Bay Wildlife Refuge](#). At [False Cape State Park](#) one can find pristine and uncrowded beaches. On Wednesday afternoon, there will be free time during which several optional excursions will be arranged for an additional fee. Depending on demand, tours and excursions for companions can also be arranged.

Pre- and Post-Conference Opportunities

May is also a perfect time of year to visit the Mid-Atlantic region of the country. There are many interesting destinations within a few hours drive of Norfolk. An hour north is the Historic Triangle area of Williamsburg/Jamestown/Yorktown as well as popular theme parks – [Busch Gardens](#) and [Water Country, USA](#). Across the famous 15-mile Chesapeake Bay Bridge Tunnel are the Eastern Shore, Chincoteague, and Assateague Island beaches. An hour and a half drive south are the [Outer Banks](#) of North Carolina including [Kitty Hawk](#) and the [Cape Hatteras National Seashore](#). About 3 hours west are the Appalachian Mountains with [Shenandoah National Park](#) and the city of Charlottesville, the home to historic

[Monticello](#) (Thomas Jefferson's home). It is a good base to launch exploration of the area. Finally, [Washington, DC](#) is about a 3 hour drive north and is also the closest major international arrivals airport ([Dulles](#)).

Workshop

The optional preconference workshop will be held at the [Norfolk Waterside Marriott](#) on 14-15 May.

Registration

It is intended that the provisional registration process for CHEP 2021 will open in August. The anticipated registration fees are shown in the table below. All fees are charged in US dollars (USD).

\$650	Early registration (any time after August 16th)
\$800	Full registration (after February 15 th)
\$400	Student registration
\$100	Preconference workshop

The conference registration fee for CHEP 2022 includes the following items:

- Welcome reception (Monday evening)
- Conference banquet (Thursday evening)

The following optional items may be purchased at an additional cost during registration:

- Banquet tickets for accompanying persons
- Excursion tickets for Wednesday afternoon

Sponsorship opportunities

Commercial sponsorship of CHEP 2022 is actively encouraged. For information about sponsorship opportunities please visit the conference webpage or contact the email below for sponsorship guidance.

Contact

CHEP 2022 host institution is the Thomas Jefferson National Accelerator Facility (JLab).

Conference chairs are Amber Boehnlien and Graham Heyes and can be reached at chep2022-chairs@jlab.org.

Questions about the scientific organization and program should be addressed to chep2022-pc-chairs@jlab.org.

Questions about sponsorship should be addressed to chep2022-sponsorship@jlab.org.

All other enquiries should be addressed to chep2022-secretariat@jlab.org.

