



CHEP 2018 THIRD BULLETIN

April 14, 2018

CHEP 2018, the 23rd International Conference on Computing in High-Energy and Nuclear Physics, will take place at the National Palace of Culture (NDK), Sofia, Bulgaria on July 9-13, 2018. Up-to-date information about CHEP 2018 and historical information about the CHEP conferences can be found on the CHEP 2018 Web site <http://CHEP2018.org>.

Important Dates

- Early Registration Opens: **22 January, 2018**
- Notification of Abstract Acceptance: **15 March, 2018**
- Early Registration Closes: **21 April, 2018**
- Registration Opens: **22 April, 2018**
- Hotel Reservation Deadline: **1 June, 2018**

Plenary and Parallel Program

The Track Conveners and the Program Committee worked hard to deal with all 576 abstracts that were submitted, deciding which of them would be the most suitable for the limited number of presentation slots available, and which ones would have to be posters instead. The corresponding acceptance messages were sent on March 15 or up to a few days later. If you did not receive such a message for your abstract yet, please check your spam folder and/or let us know at chep2018-pc@cern.ch and we will follow up. You can also check the status of your contributions directly in Indico.

The International Advisory Committee and the Program Committee are working on a rich plenary program covering a broad range of topics relevant to computing not only in HEP but also in related communities and beyond. This is the first time a new idea for plenary presentations has been tried out: the promotion of selected, suitable presentations out of their parallel sessions. The authors were typically asked to widen the scope of their presentations, in line with the usual expectations for plenary sessions.

There also is good news concerning the posters. First, all of them will be viewable during the whole conference. Second, they will automatically qualify for a competition to be held during the conference: participants will be invited to vote for the best posters and the winners will be announced on the final day of the conference!



Associated Events

PyHEP 2018 Workshop

Please be reminded that the PyHEP 2018 workshop, the first of the new series of workshops “Python in HEP”, will be held as a pre-CHEP event in Sofia, Bulgaria, on 7-8 July 2018, the weekend just before the start of CHEP. This 1.5-day pre-CHEP workshop will focus on a review of where and how Python is used in our community, and what the future will hold. It will also be a forum for the participants, representatives of the community, to discuss topics around the areas of work identified in the HSF Community White Paper.

A keynote presentation on [JupyterLab](#) will be given by [Vidar Tonaas Fauske](#), a member of the developers team. The [agenda](#) will be composed of seven plenary sessions dedicated to the following topics:

1. Historical perspective and overview
2. PyROOT and Python bindings
3. HEP python software ecosystem
4. Distribution and installation
5. Analysis frameworks
6. Python 2 versus 3
7. Open discussion on education and training

There will be ample time for discussion.

The workshop will take place in the [Hilton Hotel](#), 5 minutes walk from the CHEP conference venue. The [PyHEP 2018 registration form](#) is to be found next to the registration form for CHEP 2018.

Public Outreach Event



A public outreach event will be held on Sunday, July 8, 19:00-22:00, in Presentation hall "V parka" at "Malkoto NDK", which is in the conference venue. The event, called “Universal Science,” will feature presentations and a panel discussion on the science and computing of particle physics, and how human diversity helps us to address the challenges. This will be followed by cocktails and a mixer for the panel and the audience. A limited number of places will be reserved for registered CHEP participants. You can register at the [event’s page](#).



Students

We are highly encouraging participation of students at CHEP 2018. However the places are limited to 20. 15 students have already applied and their registrations have been approved. If you are interested in participating please send a CV and a certificate from your university to the [Conference Chairs](#).

Travel to Bulgaria

Lodging

The closest airport is Sofia International Airport (SOF), which is well-connected to the city center. [Read more](#). Most CHEP participants will not need to rent a car. Sofia is a compact city with a good public transportation system. There are plenty of restaurants within walking distance from the conference venue and the recommended hotels.

We have preliminary booking arrangements for 200 rooms at the Hilton Hotel (100), Grand Hotel Sofia (65) and Central Park Hotel (35). A list of hotels recommended by the organizers can be found [here](#).

Visa

Since 1 January 2007 the Republic of Bulgaria has been applying the European Union's Common Visa Policy, subject to the terms of the Accession Treaty. In case a visa is required please contact us if you need any assistance. [Read more](#).

Childcare

For the first time CHEP will offer childcare services in the Hilton Hotel in a close proximity to the conference facilities. The service will be offered to all registered attendees and will be adapted to the conference program. It will run from 8:30am to 6pm during the week and will cover the time of the conference dinner if requested.

The animation program includes puppet show and magic tricks. Please note that the children lunch meals are not included. The daily childcare fee is approximately 15€ provided a group of at least 10.

Organized Trips

Sofia municipality kindly offered to organize Sofia City tour free of charge for all conference attendees. The local organizers are working on a diverse touristic and social program. Please note that some of the proposed options are planned for the weekend **after** the conference and are **not** covered by the conference fee. Few of them are also limited in number of participants. [Read more.](#)

Visit the picturesque Veliko Tarnovo city



Visit the picturesque Veliko Tarnovo city, the medieval capital of the Second Bulgarian Kingdom. Its unique location on the three hills Tsarevets, Trapezitsa and Sveta Gora, makes the town one of the most beautiful in Bulgaria and also adds special charm to the city's appearance. A walk through the narrow cobblestone streets will leave you speechless. On 13th July from 22:30 o'clock from a panoramic terrace, the CHEP2018 participants can enjoy the breathtaking "Sound and Light" show on the "Tsarevets" fortress. If you are interested please [visit the conference website](#) and follow the instructions there.

Guided mountain tours



Guided mountain tours - offering the opportunity to visit two of the highest mountains in the country, to enter deep in the heart of beautiful glacial valleys, to climb the highest and most challenging peaks in the Balkan Peninsula in combination with visits to historical and cultural places which are part of the Unesco Heritage List. The participants will be able to touch both the pure nature of the two national parks Rila and Pirin, and the truly preserved Bulgarian culture together with the thousands years of history. They will enjoy breathtaking views over an endless mountain landscape, and the bravest and most prepared ones will have the chance to step on the edge of a hundreds of meters high ridge. The events are planned for the weekend after the conference - 13-15th July. If you are interested please [visit the conference website](#) and follow the instructions there.



Explore Bulgaria on Your Own

Bulgaria is a beautiful country worth exploring. One of the local top destinations, the Black Sea, is only 40 minutes away by plane. If you prefer mountains and lakes Rila, Pirin, Rodhope and Stara Planina resorts are just nearby. If you would like to learn about Europe's ancient history visit places such as [Belogradchik Rocks](#), [Valley of Thracian Kings](#) and [Perperikon](#). The local organizers have set up a page describing in brief some of the tourist attractions. [Read more](#).

If you are planning on organizing your summer vacation before or after the conference you can contact the conference chairs for more information about local travel agencies.

Sponsors

Commercial sponsorship of CHEP 2018 is encouraged. Opportunities exist for sponsor booths, presentation slots in plenary and parallel sessions, and other ways of interacting with conference participants. For more information please visit the [sponsorship webpage section](#) or contact the CHEP 2018 [Conference Chairs](#).

Contact

The conference chairs are Peter Hristov (CERN), Petya Vasileva (CERN) and Vassil Vassilev (Princeton University). Questions about the scientific organization, sponsorship or other enquiries should be addressed to chep2018-chairs@cern.ch.