CHEP2026 Bulletin 1

Phat SRIMANOBHAS (Chulalongkorn University, CERN; phat.s@cern.ch)

Introduction

Welcome to the 28th Conference on Computing in High Energy and Nuclear Physics (CHEP 2026). The conference will be held at Chulalongkorn University, Bangkok, Thailand, from 25-29 May 2026. For the first time, CHEP will take place in Southeast Asia, marking a milestone in expanding the community's global reach. For the latest information and registration details, please visit the conference website, https://indico.cern.ch/e/chep2026.

CHEP is a long-standing conference series, first established in 1985, that brings together experts to address the computing, networking, and software challenges of the world's leading data-intensive scientific experiments. Today, these experiments analyze exabytes of data using globally distributed resources.

Although the name highlights High Energy and Nuclear Physics, CHEP welcomes contributions from a broad spectrum of data-intensive scientific disciplines. It offers an outstanding platform for interdisciplinary exchange, with topics spanning, though not limited to, software and computing in astronomy, biology, medicine, and quantum computing. We especially encourage contributions from High Performance Computing (HPC) centers, particularly where their expertise intersects with challenges in large-scale data processing, simulation, and infrastructure design.

Call for abstracts (parallel sessions and poster)

In 2026, CHEP will take place during the final week of Run 3 operations at the LHC. As the community prepares for the High-Luminosity LHC (HL-LHC), the conference will address a broad range of emerging topics in both infrastructure and software.

Reflecting broader trends, CHEP 2026 will also feature sessions on sustainable computing, covering themes such as green data centers, energy efficiency, and the use of AI/ML in operations. Beyond high energy and nuclear physics, data-intensive applications in astronomy, biology, medicine, and quantum computing are welcome in the relevant tracks.

Selection of talks and posters will be based on submitted abstracts. CHEP 2026 warmly invites researchers, computer scientists, engineers, students, and industry partners from every corner of the data-intensive community to join us in Bangkok. Exceptional contributions may be proposed for promotion to a plenary talk by the Program Committee.

The parallel program is organized into nine tracks:

- Track 1 - Data and metadata organization, management and access
- Track 2 - Online and real-time computing
- Track 3 - Offline data processing
- Track 4 - Distributed computing
- Track 5 - Event generation and simulation
- Track 6 - Software environment and maintainability
- Track 7 - Computing infrastructure and sustainability
- Track 8 - Analysis infrastructure, outreach and education
- Track 9 - Analysis software and workflows

Details of each track can be found in the Scientific Programme section of the conference website.

Key dates

We will offer provisional registration at the time of abstract submission. This option allows participants to register early while deferring payment of the registration fee until a later stage, providing additional flexibility for travel arrangements and visa applications.

- 15 September 2025: Official announcement of CHEP2026
- 1 October 2025: Abstract submission opens
- 1 October 2025: Conference registration opens

- 1 November 2025: Payment opens (Credit card or transfer are accepted)
- 19 December 2025: Abstract submission deadline
- 16 February 2026: Notification of abstract acceptance
- 16 March 2026: Early registration deadline
- 27 April 2026: Final registration deadline
- 25-29 May 2026: CHEP 2026 Conference. See you in Bangkok, THAILAND!
- 28 August 2026: Tentative date for proceeding submission deadline.
- 4 December 2026: Tentative date for final submission deadline
- 26 February 2027: Tentative date for proceeding to be available.

Venue

The conference will be held at Chulalongkorn University, Thailand's oldest and most prestigious university, located in the heart of Bangkok. The plenary sessions will take place in the historic Chulalongkorn University Auditorium, an elegant landmark building constructed in the 1930s that has long served as a symbol of the university and a venue for national and international events. The parallel sessions will be hosted in the modern lecture rooms of the Faculty of Science, one of the university's founding faculties and a leader in scientific research and education in Thailand. Together, these venues combine tradition and modernity, offering a distinctive setting with excellent facilities, all within walking distance of public transport, cultural attractions, and green spaces such as Chula Centenary Park and Lumpini Park.

Travel to Thailand is (very) easy

VISA

As of 15 July 2024, 93 countries and territories are entitled to visa exemption, and 31 countries and territories may apply for visa on arrival. You can find detailed information in the visa section of the Thai Embassy in your country or here.

Enter to Thailand (Important!)

Starting 1 May 2025, all foreign nationals entering Thailand must complete the Thailand Digital Arrival Card (TDAC) online at https://tdac.immigration.go.th within 3 days before arrival.

Fly to Thailand

Bangkok is served by two major international airports, Suvarnabhumi (BKK) and Don Mueang (DMK), which together provide direct connections to Europe, North America, the Middle East, Australia, and all major cities across Asia.

Practical Information

Details about accommodation, day-care services, local currency, weather, travel to the conference venue, and many more can be found in the Information section of the conference website.

After hours and diversions

While CHEP 2026 will keep participants busy during the day, Bangkok offers countless opportunities to unwind and explore after hours. From green spaces and cultural venues around Chulalongkorn University to world-famous temples, vibrant markets, and modern cityscapes, there is something for everyone to enjoy.

Around Chulalongkorn University

- Chula Centenary Park: a modern green space for a relaxed walk after the sessions.
- Lumpini Park: Bangkok's iconic central park, ideal for an early morning jog or an evening stroll.
- Samyan-Siam District: lively area with cafés, restaurants, bookshops, and co-working spaces.
- Bangkok Art and Culture Centre (BACC): contemporary exhibitions within walking distance.
- Siam Square and MBK Center: popular shopping and dining spots right next to campus.

- Sea Life Bangkok Ocean World: the largest aquarium in the South East Asia

During lunch time, or shortly after the end of the day, you could also visit small but attractive museums in the Faculty of Science, Chulalongkorn University. This includes the Chulalongkorn University Museum of Natural History (with Turtle and Terrapin Museum, Insect Museum, Invertebrate Museum, and the first Land Snail Museum in Thailand), Geological Museum, Museum of Imaging Technology, and Living Plant Museum (Greenhouse). This is free for CHEP participants.

Exploring Bangkok

- Historic Bangkok: visit the Grand Palace, Wat Pho (Temple of the Reclining Buddha), and Wat Arun (Temple of Dawn).
- Chao Phraya River: enjoy a boat ride or evening dinner cruise with views of the city skyline.
- Night markets: explore Ratchada Train Market or Chatuchak (weekend) market for food, crafts, and local life.
- Modern Bangkok: rooftop bars and skywalks for panoramic views of the city.
- Thai cultural shows and cuisine: experience classical dance, Muay Thai, or Thai fine dining.

Registration

As noted in the Key Dates section, registration and abstract submission will open on October 1, 2025, and payment will open on November 1, 2025. Both international credit cards and international bank transfers will be accepted. Please note that international transfers may require 1-2 weeks for confirmation.

The anticipated registration fees are listed below. All fees will be charged in Thai Baht (THB), and the final amount in other currencies will depend on your bank's exchange rate at the time of payment.

- Early registration (until March 16, 2026, 23:59 BKK)
  - Regular: 27,000 THB (approx. 720 EUR)
  - Student: 13,500 THB (approx. 360 EUR)
- Full registration (until April 27, 2026, 23:59 BKK)
  - Regular: 31,000 THB (approx. 820 EUR)
  - Student: 17,500 THB (approx. 460 EUR)

The conference registration fee for CHEP 2026 includes the following items:

- Welcome reception (Tuesday, Sep 26th, evening)
- Conference dinner (Thursday, Sep 28th, evening)
- 5 lunches
- 9 coffee breaks
- Proceedings

For Accompanying person:

- Full packages (with breaks, lunches, welcome reception and conference dinner): 12,000 THB
- Social package (with welcome reception and conference dinner): 6000 THB

Contact

Questions about the scientific organization and program should be addressed to the email: chep2026-pc@cern.ch

Questions about the local organization and sponsorship should be addressed to the email: chep2026-info@chula.ac.th