

Report from the LHCP2022 International Advisory Committee

The 10th Annual
Large Hadron Collider Physics Conference
May 16-21, 2022



Tulika Bose, University of Wisconsin-Madison

On behalf of the LHCP IAC

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Outline

- Guidelines for (future) LHCP conferences
- Site selection for LHCP 2024
- Status of LHCP 2023 (Belgrade)

LHCP editions so far:

- 2013 Barcelona (Spain)
- 2014 New York City (USA)
- 2015 St-Petersburg (Russia)
- 2016 Lund (Sweden)
- 2017 Shanghai (China)
- 2018 Bologna (Italy)
- 2019 Puebla (Mexico)
- **2020 Paris → Online**
- **2021 Paris → Online**
- **2022 Taipei → Online**

Many thanks to the Paris and Taipei teams for organizing the conference online during this very challenging period

Guidelines for rotation of regions for LHCP conferences

- The recommended cycle for rotation of the regions is 4 years, with European sites recommended every second year (given the size of the LHC community in Europe), and Asia/Pacific or Americas recommended as sites in alternative years.
 - An African site can be proposed in any year.
 - *A European site is preferred in the years when there is no EPS conference.*
- The decision for year LHCP(N+2) is taken at LHCP(N)
 - Host for LHCP2024 (Americas) chosen this year
- Exceptions: the IAC unanimously supported the proposal to give preference or priority to the hosts of the online conferences for future LHCP editions
 - **LHCP2025 → Taipei and LHCP2026 → Paris** (ensures staggering wrt EPS)
 - (Standard rotation thereafter: LHCP2027 in Americas, LHCP2028 in Europe, LHCP2029 in Asia/Pacific...)

Guidelines for LHCP conferences

- The IAC recommends to hold LHCP Conferences between **~15 May and ~15 June**, i.e. between Moriond and the Summer conferences.
- Considerations for the site selection:
 - strong local community involved in LHC experiments (participation on more than one LHC experiment is not a requirement, but may be a plus)
 - attractive location, convenient and affordable accommodation, food options, convenient transportation, attractive social program;
 - ability to accommodate up to about 400 participants and up to 5 parallel sessions
 - commitment towards organizing an inclusive and accessible conference and increasing the participation of underrepresented groups;
 - low conference fee
 - reduced fee for junior participants;
 - experience of the organizers;
 - possibility to attract local sponsors
 - *(NEW) What facilities would be provided for enabling remote participation (if desired/needed) ?
Would this impact your conference budget ?*

Bids for LHCP 2024

- The IAC received three outstanding bids:
 - **Natal (Brazil)**
 - **Northeastern Univ. (USA)**
 - **SLAC (USA)**
- Proposals distributed to the IAC ahead of time and presented and discussed at the IAC meeting on May 11th
- The IAC notes that all three proposals were excellent - strong, experienced teams, attractive locations, flexibility...
- Given the high quality of all three bids, the decision was very difficult but after a careful review of the proposals by the IAC...

Selected site for LHCP 2024

- The selected site for LHCP 2024 is:

Northeastern University, Boston, USA

- The IAC thanks all of the proponents for the time and energy they gave to their proposals
- The Natal and SLAC teams are strongly encouraged to submit bids next time (2027)
- Congratulations to the Northeastern/Boston team – the IAC wishes them all the best for their preparations for LHCP2024!

LHCP 2023 in Belgrade

- The IAC thanks the Belgrade team for their excellent presentation at the IAC meeting on the status of preparation for LHCP 2023
- Dates for the conference finalized: **May 22nd – May 28th, 2023**
- Hosted by Faculty of Physics and Institute of Physics of the University of Belgrade
- Strong, experienced team in place already and preparations underway
 - Local Organizing Committee Co-chairs: Predrag Milenovic and Lidija Zivkovic
- The IAC expressed satisfaction with the level of the preparation and looks forward to a productive and successful (in-person) LHCP 2023!