

Proposal to host CTD2020 at Princeton University

Peter Elmer (Peter.Elmer@cern.ch)

David Lange (David.Lange@cern.ch)



PRINCETON
UNIVERSITY



PRINCETON UNIVERSITY

We propose to host the next workshop in the Connecting the Dots series at Princeton University.

The workshop would be hosted by the Princeton Physics Department and the Princeton Institute for Computational Science & Engineering (PICSciE).

Peter Elmer and David Lange would be the lead local organizers.

We have sized our proposal assuming up to 75 participants for two full days and one half day (morning) but other scales are possible.



Princeton has a large group working on the CMS experiment and elsewhere across high-energy physics.

Princeton is also the lead institution on the recently NSF-funded software institute IRIS-HEP.



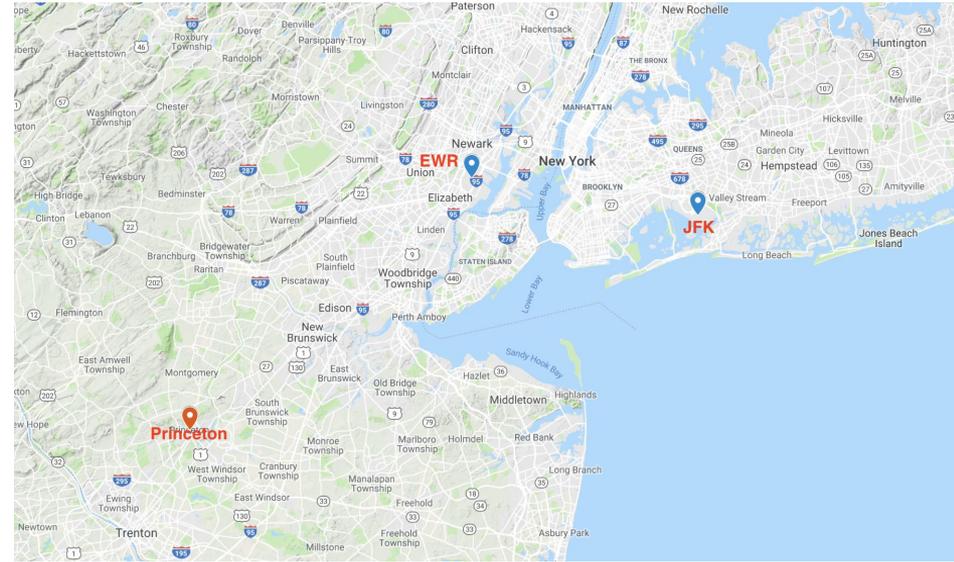
How to get to Princeton

Princeton University is well connected to much of the world due to its proximity to New York City. There are two direct flights on most days from Geneva, as well as from most major airports in Europe and the U.S..

The easiest way to get to Princeton from New York City airports is by train.

In general cars are not required, as the hotel, conference venue and relevant local businesses are within walking distance of one another once one has arrived on campus.

Local Area: Princeton's campus is located on 500 acres in the heart of New Jersey. Princeton is one or two hours from major destinations including New York City, Philadelphia and the New Jersey shore. Closer to campus options for getting away from the conference include: a downtown district for shopping and dining; [art exhibitions and events](#), including a free campus art museum, <https://artmuseum.princeton.edu/>; and more than a dozen [parks and historical sites](#) are within walking distance, including the [Princeton Battlefield](#), the [Delaware and Raritan Canal towpath](#) and the [Charles H. Rogers Wildlife Refuge/Institute Woods](#).



Venue

We have two potential conference rooms next to substantial open space for discussions. Both are modern rooms with desk space and laptop power for all participants.

Small breakout rooms would be reserved near the main conference venue.

Space is available for a poster session, possibly co-located with an extended coffee break or evening event.

Eduroam WIFI is available throughout campus and visitor accounts can be set up for the Princeton WIFI for anyone without eduroam access.



The local organizers will ensure that appropriate administrative and technical support is available as needed during the workshop.



Hotels

The university has special rates for campus visitors at a number of local hotels.

The most convenient hotel option is The Nassau Inn in downtown Princeton (10-15 walk to venue). The Nassau Inn is a historical hotel in Princeton and is located next to the University. Room blocks are typically \$160 per night.

Numerous cheaper hotel options can be found within a few minutes drive or by university shuttle trip.



The organizers will work to arrange room blocks at one or more hotels once dates are finalized.



Food and Social Events

Food: Morning and afternoon coffee breaks, as well as lunch, would be included in the conference fees.

Both evenings of the workshop would have social events. We will organize a reception on campus, and a conference dinner at a local restaurant . We anticipate that local sponsorship will be found to cover the drink costs at these events.



Practicalities

Dates: There are two possibilities

1. During the spring break for Princeton students, which is March 16-20, 2020. Other periods during the spring season are more difficult due to classes.
2. Summer break. The month of July is typically the best for avoiding collaboration events and the peak of vacation season (and possibly next to the CoDaS-HEP school)

Budget: We anticipate a budget of approximately \$225 including all fees and the conference dinner for a 2.5 day, with a reduced fee available for students.

Costs are derived from our recent experience hosting CoDaS-HEP. Fees include a modest budget for the publication of conference proceedings,.



Summary

The Connecting the Dots workshop has become a key element of our community discussions of the tracking reconstruction R&D to prepare for the HL-LHC and other HEP challenges in the 2020s.

We propose to hold CTD2020 at Princeton University.

We have a lot of experience with similar sized events at Princeton, and believe we can provide a workshop experience the suits the importance of the CTD series.

