Computational HEP Traineeship Summer School Welcome

24 July 2023

Peter Elmer (Princeton)

Verena Martinez Outschoorn, Rafael Coelho Lopes de Sa (UMass Amherst) on behalf of the TAC-HEP program organizers & the Princeton local organizers



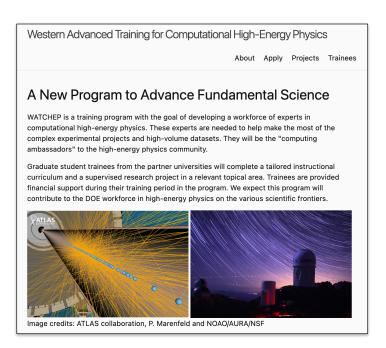




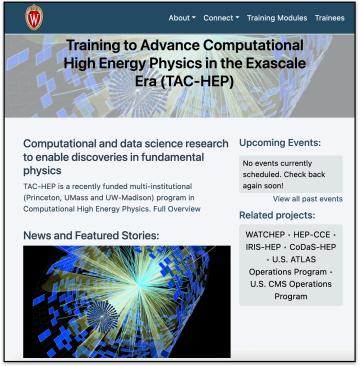
The Computational High Energy Physics Traineeship Programs

- Three computational HEP traineeship programs funded by the DOE in 2022
 - First time gathering everyone together more details in Peter Elmers introduction later today!

WATCHEP



TAC-HEP

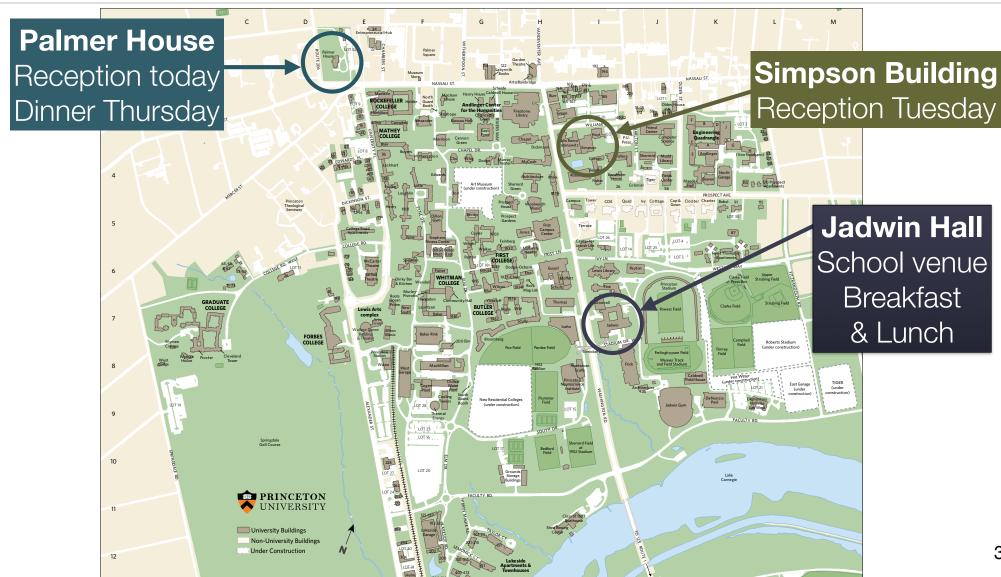


C2-the-P2





Logistics



Overlapping events

Mode Workshop Monday-Wednesday



https://indico.cern.ch/event/1242538/

PyHEP Developers WorkshopTuesday-Friday



https://indico.cern.ch/event/1234156/

Lots of experts around and several opportunities to network!

Summer School Program

- Hands-on Demo Sessions
 - Hands on exercises focusing on data analysis demonstrations
- Big Picture R&D Talks
 - Presentations on current R&D topics in software & computing
- Workshop on Communication
 - How to improve your communication skills from an expert
- Pitching Your Project A Workshop on Proposal Writing
 - How to improve your proposal preparation skills
- Careers in Physics
 - Presentation from APS Careers & a panel including research scientists at labs and universities, faculty at universities and a senior data scientist at SFL Scientific, a Deloitte Business

This is an informal & interactive event please ask questions!!!

Upcoming Events: Lightning Round & Coding Jam

Lightning Round Presentations Tomorrow

- Tuesday after lunch 5 minute presentations from each participant
- Please prepare no more than 1-2 slides
- Introduction & background eg current graduate student year, school, program, etc
- Interest in software & computing
- If you are already doing the project part of the program, please mention what your project is!

Coding Jam Group Exercises

- A few hours each day except for Thursday
- Group work and an opportunity to practice what you are learning in the hands-on demos

Please let us know if you have any questions We hope you will enjoy this program!