



A.I. for Nuclear Physics Closeout

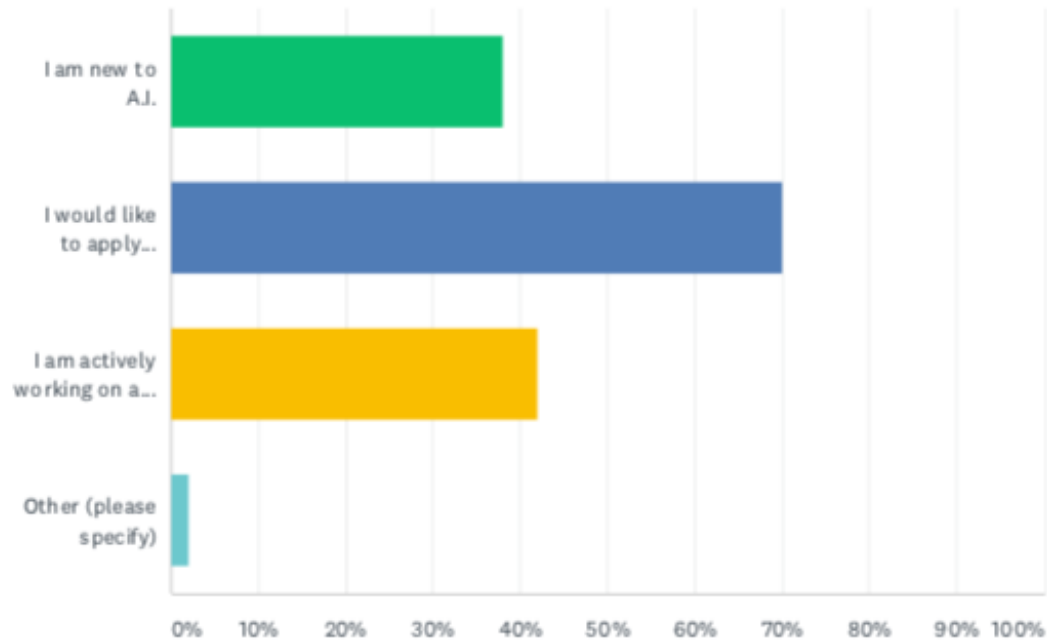
Amber Boehnlein



Thirst in the community for A.I.

Q1 Indicate the reason(s) you are attending the A.I. for Nuclear Physics workshop. Select all that apply.

Answered: 50 Skipped: 0



Education

- There are some immediate community actions
- Hackathon was a success
 - Find a way to make this regular
- Will be working to get a clearing house of education materials; tutorials being offered
- How do we foster collaboration within NP?

Cross cuts

- There are also considerations are common and many of these topics came out of the survey.
 - Level of A.I. literacy
 - Potential for collaboration
 - Considerations regarding Data
 - Statistical techniques and tools
 - Computing/storage resources
 - Workforce development

Cross Cuts (2)

- Some of the Plenaries were designed to illuminate cross cuts
 - Collaboration: ExaLearn (Frank Alexander); HEP (Mark Neubauer)
 - A.I as a enabling technology: CANDLE project (Arvind Ramanathan)
 - Data: Neuro-data without Borders(Ryan Ly)
 - Statistical Techniques: A.I. and inverse problems (Yueshing Xu)

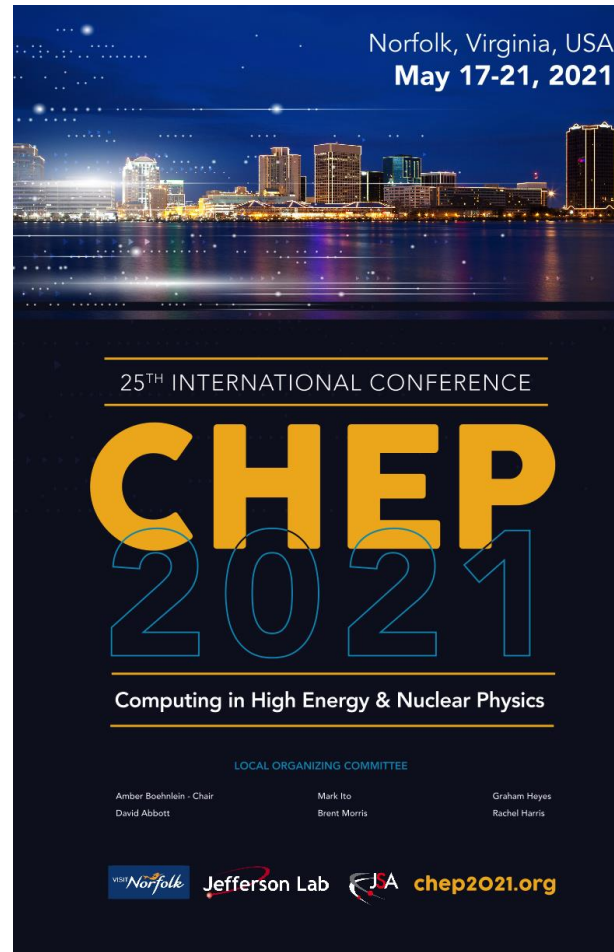
Report timeline

- The break out summaries from today will be part of the report
 - Lots of great material
- Full rough draft by March 13
- The A.I. for Science Townhall Report and other topical computing workshops will provide essential context
- Draft for high level review by April 3

Thanks

- To the conveners, Advisory panel and *you* for participating!
- Special thanks to Michelle who did double duty with a plenary talk and convening a working group
- Thanks to Pat Stroop, Event Services and the VTC team

Looking forward to seeing result



Norfolk, Virginia, USA
May 17-21, 2021

25TH INTERNATIONAL CONFERENCE




CHEP

2021

Computing in High Energy & Nuclear Physics

LOCAL ORGANIZING COMMITTEE

Amber Boehnlein - Chair	Mark Ito	Graham Heyes
David Abbott	Brent Morris	Rachel Harris

   chep2021.org

Safe Travels!``

A.I. FOR NUCLEAR PHYSICS WORKSHOP



Date:

March 4, 2020 to March 6, 2020

Conference location:

Thomas Jefferson National Accelerator Facility
12000 Jefferson Avenue
Newport News, VA 23606 USA