

# **IRIS-HEP Team Retreat**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome, Workshop Goals

*Tuesday, May 26, 2020 6:00 AM (20 minutes)*

**Presenter:** ELMER, Peter (Princeton University (US))

**Session Classification:** Plenary

Contribution ID: 2

Type: **not specified**

## **Innovative Algorithms - Years 3, and 4+5**

*Tuesday, May 26, 2020 8:20 AM (20 minutes)*

**Presenters:** LANGE, David (Princeton University (US)); GRAY, Heather (UC Berkeley/LBNL)

**Session Classification:** Plenary

Contribution ID: 3

Type: **not specified**

## **Analysis Systems - Years 3, and 4+5**

*Tuesday, May 26, 2020 6:40 AM (20 minutes)*

**Presenter:** CRANMER, Kyle Stuart (New York University (US))

**Session Classification:** Plenary

Contribution ID: 4

Type: **not specified**

## **DOMA - Years 3, and 4+5**

*Tuesday, May 26, 2020 7:00 AM (20 minutes)*

**Presenter:** BOCKELMAN, Brian Paul (University of Nebraska Lincoln (US))

**Session Classification:** Plenary

Contribution ID: 5

Type: **not specified**

## **SSL - Years 3, and 4+5**

*Tuesday, May 26, 2020 8:00 AM (20 minutes)*

**Presenter:** GARDNER JR, Robert William (University of Chicago (US))

**Session Classification:** Plenary

Contribution ID: 6

Type: **not specified**

## **OSG - Years 3, and 4+5**

*Tuesday, May 26, 2020 7:40 AM (20 minutes)*

**Presenter:** WUERHWEIN, Frank (Univ. of California San Diego (US))

**Session Classification:** Plenary

Contribution ID: 7

Type: **not specified**

## **SSC - Years 3, and 4+5**

*Tuesday, May 26, 2020 6:20 AM (20 minutes)*

**Presenter:** MALIK, Sudhir (University of Puerto Rico (PR))

**Session Classification:** Plenary



Contribution ID: 8

Type: **not specified**

## Parallel Sessions: Plans and Goals

*Tuesday, May 26, 2020 8:40 AM (20 minutes)*

**Presenter:** WATTS, Gordon (University of Washington (US))

**Session Classification:** Plenary

Contribution ID: 9

Type: **not specified**

## **IA: Year 3 Plans, Year 4 & 5 Goals**

*Friday, May 29, 2020 8:00 AM (20 minutes)*

**Presenters:** LANGE, David (Princeton University (US)); GRAY, Heather (UC Berkeley/LBNL)

**Session Classification:** Plenary

Contribution ID: **10**

Type: **not specified**

## **AS: Year 3 Plans, Year 4 & 5 Goals**

*Friday, May 29, 2020 6:01 AM (19 minutes)*

**Presenter:** CRANMER, Kyle Stuart (New York University (US))

**Session Classification:** Plenary

Contribution ID: 11

Type: **not specified**

## **DOMA: Year 3 Plans, Year 4 & 5 Goals**

*Friday, May 29, 2020 6:20 AM (20 minutes)*

**Presenter:** BOCKELMAN, Brian Paul (University of Nebraska Lincoln (US))

**Session Classification:** Plenary

Contribution ID: 12

Type: **not specified**

## **OSG: Year 3 Plans, Year 4 & 5 Goals**

*Friday, May 29, 2020 6:40 AM (20 minutes)*

**Presenter:** WUERHWEIN, Frank (Univ. of California San Diego (US))

**Session Classification:** Plenary

Contribution ID: 13

Type: **not specified**

## **SSL: Year 3 Plans, Year 4 & 5 Goals**

*Friday, May 29, 2020 7:40 AM (20 minutes)*

**Presenter:** GARDNER JR, Robert William (University of Chicago (US))

**Session Classification:** Plenary

Contribution ID: 14

Type: **not specified**

## **SSC: Year 3 Plans, Year 4 & 5 Goals**

*Friday, May 29, 2020 7:00 AM (20 minutes)*

**Presenter:** MALIK, Sudhir (University of Puerto Rico (PR))

**Session Classification:** Plenary

Contribution ID: 15

Type: **not specified**

## **Grand Challenge I - 10 PB**

*Friday, May 29, 2020 8:20 AM (15 minutes)*

**Presenter:** WUERHWEIN, Frank (Univ. of California San Diego (US))

**Session Classification:** Plenary



Contribution ID: 16

Type: **not specified**

## **Grand Challenge II - Analyze 200 TB Data**

*Friday, May 29, 2020 8:35 AM (15 minutes)*

**Presenter:** CRANMER, Kyle Stuart (New York University (US))

**Session Classification:** Plenary

Contribution ID: 17

Type: **not specified**

## Closeout and Next Steps

*Friday, May 29, 2020 8:50 AM (10 minutes)*

**Session Classification:** Plenary

Contribution ID: **18**

Type: **not specified**

## **Future BluePrint Topics: Year 3 plans, 4 & 5 thoughts**

*Friday, May 29, 2020 7:30 AM (10 minutes)*

**Presenter:** NEUBAUER, Mark (Univ. Illinois at Urbana Champaign (US))

**Session Classification:** Plenary

Contribution ID: 19

Type: **not specified**

## GNNs for tracking

*Thursday, May 28, 2020 9:01 AM (9 minutes)*

**Presenters:** OJALVO, Isobel (Princeton University (US)); NEUBAUER, Mark (Univ. Illinois at Urbana Champaign (US)); ATKINSON, Markus Julian (Univ. Illinois at Urbana Champaign (US)); THAIS, Savannah Jennifer (Princeton University (US))

**Session Classification:** Parallel Discussions

Contribution ID: **20**

Type: **not specified**

## **ML on FPGAs for Calorimetry**

*Thursday, May 28, 2020 9:15 AM (10 minutes)*

**Presenter:** HARRIS, Philip Coleman (Massachusetts Inst. of Technology (US))

**Session Classification:** Parallel Discussions

Contribution ID: **21**

Type: **not specified**

## **mkFit**

*Thursday, May 28, 2020 10:00 AM (10 minutes)*

**Presenters:** YAGIL, Avi (Univ. of California San Diego (US)); WITTICH, Peter (Cornell University (US))

**Session Classification:** Parallel Discussions

Contribution ID: 22

Type: **not specified**

## ACTS

*Thursday, May 28, 2020 10:15 AM (10 minutes)*

**Presenters:** GRAY, Heather (UC Berkeley/LBNL); TOMPKINS, Lauren Alexandra (Stanford University (US))

**Session Classification:** Parallel Discussions

Contribution ID: 23

Type: **not specified**

## PVFinder

*Thursday, May 28, 2020 9:30 AM (10 minutes)*

**Presenter:** STAHL, Marian (University of Cincinnati (US))

**Session Classification:** Parallel Discussions



Contribution ID: 24

Type: **not specified**

## Allen project

*Thursday, May 28, 2020 9:45 AM (10 minutes)*

**Presenters:** CRAIK, Daniel Charles (Massachusetts Inst. of Technology (US)); WILLIAMS, J Michael (Massachusetts Inst. of Technology (US))

**Session Classification:** Parallel Discussions

Contribution ID: 25

Type: **not specified**

## New proposals

*Thursday, May 28, 2020 10:45 AM (10 minutes)*

**Session Classification:** Parallel Discussions

Contribution ID: 26

Type: **not specified**

## **Jets R&D**

*Thursday, May 28, 2020 10:30 AM (10 minutes)*

**Presenter:** CRANMER, Kyle Stuart (New York University (US))

**Session Classification:** Parallel Discussions

Contribution ID: 27

Type: **not specified**

## **func\_adl**

*Wednesday, May 27, 2020 7:41 AM (19 minutes)*

**Presenters:** WATTS, Gordon (University of Washington (US)); PROFFITT, Mason (University of Washington (US))

**Session Classification:** Parallel Discussions

Contribution ID: **28**

Type: **not specified**

## hep\_tables

*Wednesday, May 27, 2020 8:00 AM (20 minutes)*

**Presenter:** WATTS, Gordon (University of Washington (US))

**Session Classification:** Parallel Discussions

Contribution ID: 29

Type: **not specified**

## pyhf

*Wednesday, May 27, 2020 8:20 AM (20 minutes)*

**Presenter:** FEICKERT, Matthew (Univ. Illinois at Urbana Champaign (US))

**Session Classification:** Parallel Discussions

Contribution ID: **30**

Type: **not specified**

## **cabinetry**

*Wednesday, May 27, 2020 8:40 AM (20 minutes)*

**Presenter:** HELD, Alexander (New York University (US))

**Session Classification:** Parallel Discussions

Contribution ID: **31**

Type: **not specified**

## **SSC**

*Wednesday, May 27, 2020 6:00 AM (1h 20m)*

**Session Classification:** Parallel Discussions



Contribution ID: 32

Type: **not specified**

## **Servicex, Analysis Facilities (DOMA/AS)**

*Wednesday, May 27, 2020 6:05 AM (1h 20m)*

**Session Classification:** Parallel Discussions

Contribution ID: 33

Type: **not specified**

## **US Operations Programs and IRIS-HEP Discussion**

*Wednesday, May 27, 2020 10:00 AM (1h 20m)*

**Session Classification:** Parallel Discussions

Contribution ID: 34

Type: **not specified**

## **Grand Challenge I Discussion - 10 PB**

*Thursday, May 28, 2020 6:00 AM (1h 20m)*

**Session Classification:** Parallel Discussions

Contribution ID: 35

Type: **not specified**

## **Grand Challenge II Discussion - Analyze 200 TB Data**

*Thursday, May 28, 2020 7:40 AM (1h 20m)*

**Session Classification:** Parallel Discussions

Contribution ID: **36**

Type: **not specified**

## **SSL**

*Wednesday, May 27, 2020 7:40 AM (1h 20m)*

**Session Classification:** Parallel Discussions

Contribution ID: 37

Type: **not specified**

## live notes

*Wednesday, May 27, 2020 7:40 AM (1 minute)*

**Session Classification:** Parallel Discussions

Contribution ID: **38**

Type: **not specified**

## **Live Minutes**

*Wednesday, May 27, 2020 6:00 AM (1 minute)*

**Session Classification:** Parallel Discussions

Contribution ID: **39**

Type: **not specified**

## Live notes

**Session Classification:** Parallel Discussions



Contribution ID: **40**

Type: **not specified**

## **OSG-LHC**

*Thursday, May 28, 2020 10:00 AM (2 hours)*

**Session Classification:** Parallel Discussions

Contribution ID: 41

Type: **not specified**

## Minutes and Recordings

*Tuesday, May 26, 2020 7:20 AM (1 minute)*

**Session Classification:** Plenary

Contribution ID: 42

Type: **not specified**

## Minutes and Recordings

*Friday, May 29, 2020 6:00 AM (1 minute)*

**Session Classification:** Plenary

Contribution ID: 43

Type: **not specified**

## Minutes and Recordings

*Thursday, May 28, 2020 9:00 AM (1 minute)*

**Session Classification:** Parallel Discussions

Contribution ID: 44

Type: **not specified**

## Conference Photo

*Friday, May 29, 2020 7:20 AM (1 minute)*

Everyone who would like to be part of the conference photo turns on their video. I will then do a screen capture for the Zoom Gallery View

**Presenter:** WATTS, Gordon (University of Washington (US))

**Session Classification:** Plenary