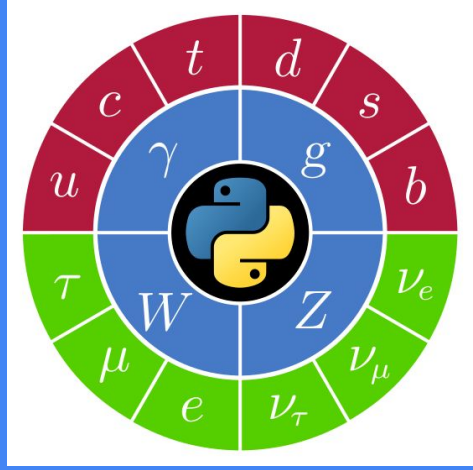
HSF PyHEP WG

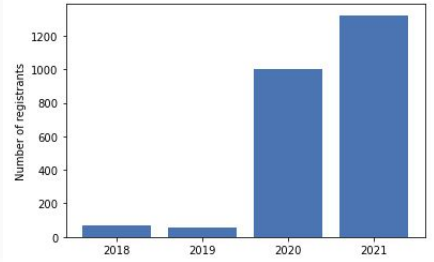


Eduardo Rodrigues - University of Liverpool
Jim Pivarski - Princeton University
Oksana Shadura - University of Nebraska-Lincoln
[Ben Krikler left us at the end of 2021 - thank you for your work!]

HSF Coordination Meeting, 20th January 2022

PyHEP Workshops (Annual)

- Switching in 2020 to an online format has greatly increased participation, which we'll continue regardless of Covid.
- In 2021: **54%** of participants are students, **15%** postdocs.
  3% said they'd only attend again if the workshop is in person.
  37% said they'd only attend again if it's online.



PyHEP 2018

Sofia, Bulgaria

PyHEP 2019

Abingdon, U.K.

PyHEP 2020

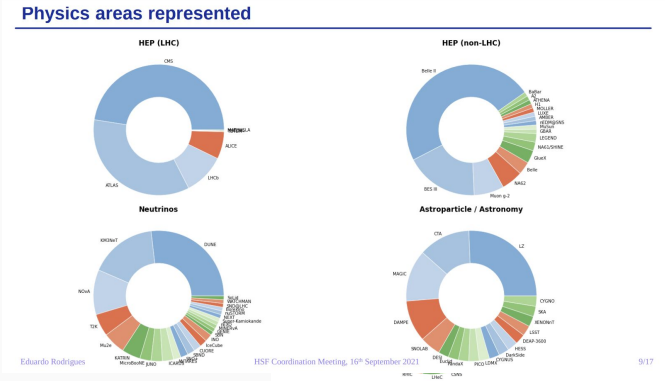
Virtual, online

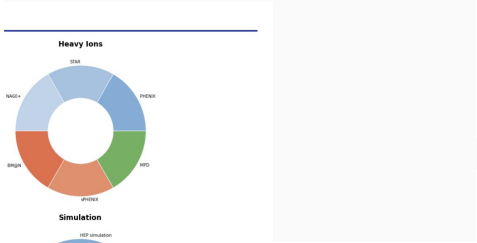
PyHEP 2021

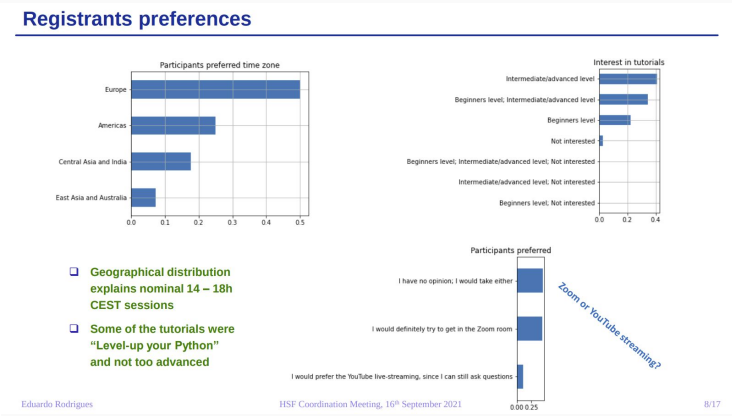
Virtual, online

PyHEP Workshop 2021

- More details see in the slides from Eduardo https://indico.cern.ch/event/1043627/







PyHEP 2022 workshop

- Since we're no longer planning to co-locate with SciPy in Austin, TX, choosing a date within a week of SciPy is no longer a benefit
- We're considering end of August/beginning of September instead of July.

- We're thinking of adding new features (still brainstorming)
  - Maybe adding hackathon / community building specific contributions
    - Would mean a call for "short tasks" across ecosystem package aside the usual call for presentations
  - Possibly, hackathon in person at CERN's *Ideasquare*

PyHEP Topical meetings in 2021

- "Python Module of the Month" topical meetings follow the idea of the Python 3 Module of the Week, but with a spirit adapted to our needs:
  focus on libraries relevant to data analysis in HEP

- Meetings held in 2021:
  - https://indico.cern.ch/category/11412/

December 2021

08 Dec PyHEP topical meeting - PyTorch

October 2021

06 Oct PyHEP topical meeting - Qibo

September 2021

27 Sep Julia for HEP Mini-workshop

June 2021

02 Jun PyHEP topical meeting - Giving a good Jupyter talk

May 2021

05 May PyHEP topical meeting - Dask

April 2021

07 Apr PyHEP topical meeting - pyhf

March 2021

03 Mar PyHEP topical meeting - JAX

February 2021

03 Feb PyHEP topical meeting - Numba

PyHEP Topical meetings in 2022

- “Python module of the month” → more general “topical meetings”?
  - We are looking to more structurised topical meetings covering a wider set of Python modules (starting from fundamentals and including more HEP specific)
  - Topical meetings are expected to have clearer division between **tutorials, short talks** and **discussions**
    - Some of topical meetings could include larger time slot for following discussions and questions in a form of *“office hours”*

- We welcome joint endeavours with other WGs where relevant
  - Data Analysis & Training WGs have obvious overlaps