

# PyHEP 2020

## 3<sup>rd</sup> Workshop on Python in High Energy Physics

```
[1]: import particle
      from hepunits.units import

      # Find all strange baryons with c*tau > 1 cm
      for x in particle.Particle.select(lambda p:
          p.pdgid.is_baryon and p.has_neutral and p.has_strange and p.width > 0 and p.ctau > 1 * cm):
          print(x.latex_name)
```

$$\Sigma^- \bar{\Sigma}^+ \Lambda \bar{\Lambda}$$

$$\Sigma^+ \bar{\Sigma}^- \Xi^- \bar{\Xi}^+ \Xi^0 \bar{\Xi}^0 \Omega^- \bar{\Omega}^+$$



## July 11–13 in Austin, Texas (USA)

Co-located with  **SciPy2020**

Scientific Computing with Python

Austin, Texas • July 6–12

PyHEP is a series of workshops initiated and supported by the HEP Software Foundation (HSF) to discuss and promote the use of Python in the HEP community.

PyHEP 2020 will be held on the University of Texas at Austin campus, right next door to SciPy 2020, the primary conference for the scientific Python community at large. SciPy 2020 will be held on July 6–12, making it easy to attend both.

The PyHEP workshop will include

- keynote from the data science domain
- topical sessions
- hands-on tutorials
- plenty of time for discussion

**ALL  
Python skill levels  
are welcome!**



### Organizing Committee:

Eduardo Rodrigues — University of Liverpool (Chair)  
Ben Krikler — University of Bristol (Co-chair)  
Jim Pivarski — Princeton University (Co-chair)  
  
Chris Tunnell — Rice University  
Matthew Feickert — University of Illinois at Urbana-Champaign  
Peter Onyisi — The University of Texas at Austin

<https://cern.ch/pyhep2020>

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