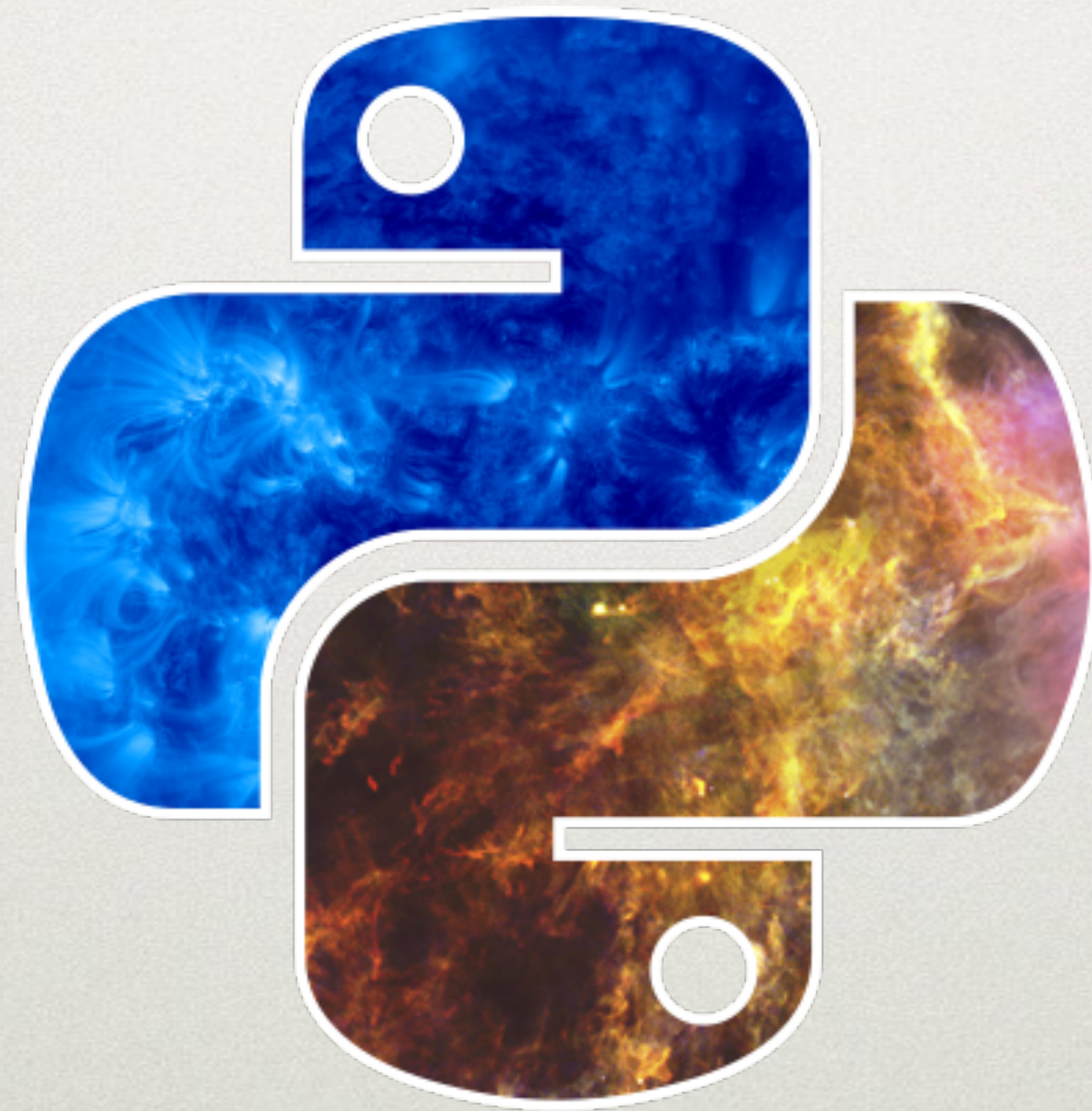


*Python in Astronomy 2019 @ STScI*



pyastro

# WHAT IS PYASTRO?

- A place to exchange ideas between people who write *and use* Python for astronomy.
- An opportunity for open source Python projects (e.g. Sunpy, Astropy) to interact with their user community and gain contributors.
- A chance for scientists, developers (and scientist/developers) to collaborate on improving their code.
- A chance for developers to discuss interoperability of Python science code.
- It is a yearly “roaming” conference series - this would be #5
- Past locations: Lorentz Center, eScience Center, CCA
- Has consistently had 200-300 applicants (for  $< \sim 60$  slot), including typically  $\sim 20-30$  STScI staff each year

# WHY IS STSCI A GOOD HOST?

- While STSci has long been involved with key elements of this community, it is often seen only in vague terms, or small groups (often on the engineering side). Hosting it would give the science staff and institute as a whole a chance to join in.
- JWST and WFIRST code, and most data analysis, will use Python - including many of the projects that typically have large contingents at pyastro.
- The pyastro19 SOC chair has specifically asked if we can host it.

# WHAT IS THE WORKSHOP PLAN?

- Normally it is a 5-day workshop, including 1 or 2 “hack days”
- Program is a roughly equal mix of traditional talks, unconference sessions, tutorials, and coding sprints.
- Possible LOC members include: Erik Tollerud, Ivelina Momcheva, Arfon Smith, Harry Ferguson, Susan Kassin, Lou Strolger, Nick Earl, Steve Crawford
- All decisions contingent on the *external* SOC, taken from the previous years’ participants - this SOC is just about to hold its first meeting, but the Chair has reached out early due to our workshop deadline.