Python in Astronomy 2018 Application

This is an application form for the Python in Astronomy 2018 meeting which will take place from 30th Apr - 4th May 2018 at the Center for Computational Astrophysics at the Flatiron Institute in New York, New York. The workshop will be restricted to ~55 participants, and we are soliciting applications for participation. You will be informed by mid-January whether you have been selected.

The workshop encourages collaboration between participants rather than competition and provides extensive opportunities each day for participants to work with each other. As an example, the schedule for day from the 2016 workshop is here: http://openastronomy.org/pyastro/2018/example_pyastro_day/

In addition to sharing information about state-of-the art Python Astronomy packages, the workshop will focus on improving interoperability between astronomical Python packages, mentoring open-source contributors, and developing educational materials for Python in Astronomy. The meeting is therefore not only aimed at current developers and users, but also educators or others who are interested in being involved in these efforts.

Participant selection will be made with the goal of enhancing the Python in Astronomy community and we particularly encourage requests to attend from junior astronomers and people who are new to contributing to open source software. Effort will also be made to select participants who have a demonstrated potential to contribute meaningfully to the Python in Astronomy infrastructure via providing educational materials, documentation, and/or coding. This conference is neither intended to be an introduction to Python nor only for expert-level Python developers.

The form will be open until 23:59 UTC Dec 9th 2017.

If you would like to propose a talk or tutorial, please be prepared to submit the title and abstract as part of your application.

A PDF copy of the form questions is here: https://drive.google.com/file/d/0B8BllHJSoO-kTW52dEplbGdvaFU/view?usp=sharing

*Required

1. **Email address** *

_____

Code of conduct

Participants will be expected to follow the Python in Astronomy code of conduct which is intended to foster the welcoming, collaborative atmosphere at past offerings of this workshop. Please read the code of conduct and then answer the question below.

Code of Conduct: http://openastronomy.org/pyastro/code-of-conduct/

2. **Please read the code of conduct and indicate that you will follow the code of conduct by checking the box below.** *
Check all that apply.

☐ I agree to abide by the code of conduct

Basic Information

3. **First Name** *

_____

4. **Last Name** *

_____

5. **Affiliation** *

_____

6. **Geographic Area** *

Mark only one oval.

- ( ) Africa
- ( ) Asia
- ( ) Central America
- ( ) Eastern Europe
- ( ) Western Europe
- ( ) Middle East
- ( ) North America
- ( ) Oceania
- ( ) South America
- ( ) Caribbean

7. **Current Position** *

Mark only one oval.

- ( ) Undergraduate/College student
- ( ) Graduate/Postgraduate student
- ( ) Postdoc
- ( ) Teaching Faculty
- ( ) (Research) Staff
- ( ) Non-Academic
- ( ) Other: _____

8. **Research Area** *

   Mark only one oval.

   ( ) cosmology

   ( ) galaxies and galaxy clusters

   ( ) exoplanets and planet formation

   ( ) star formation

   ( ) compact objects

   ( ) gravitational waves

   ( ) supernovae

   ( ) main sequence & late type stars

   ( ) gas and dust

   ( ) solar and heliospheric physics

   ( ) non-astronomy

   ( ) Other: _____

9. **Twitter username (if any)**

   _____

10. **GitHub username (if any)**

    _____

Contributions to the meeting

11. **Tell us in 2-3 sentences why you would like to attend this workshop.** *

    _____
    _____
    _____
    _____
    _____

12. **Tell us in 2-3 sentences what you would contribute to the workshop.** *

    _____
    _____
    _____
    _____
    _____

13. **What are you interested in getting out of the workshop?** *

Check all that apply.

- [ ] Learn more about python
- [ ] Find collaborators on my project
- [ ] Contribute to other open source projects
- [ ] Make my code available to others
- [ ] Be involved in the open source astronomy community after the conference

14. **Would you be interested in giving a contributed talk at the workshop?** *

Talks can be on a variety of topics, including for example presenting a package you have developed, techniques you use in Python, educational resources and/or techniques, and so on - in short anything you think might improve or enhance the Python in Astronomy community! Please remember that these should not be standard research talks but should focus on your use of Python. Talks will likely be 15 minutes + 5 minutes for questions/discussion.

Mark only one oval.

- ( ) Yes
- ( ) No

15. **Talk Title (if appropriate)**

_____

16. **Talk Abstract (if appropriate)**

This abstract will be used to select talk contributions, so please provide sufficient background and information (you can include links if relevant)

_____

_____

_____

_____

17. **Would you be willing to give a tutorial on a subject that you are knowledgeable about?** *

Mark only one oval.

- ( ) Yes
- ( ) No

18. **If yes, please indicate which topics you would be interested in teaching other participants**

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19. Other possible contributions

The meeting will have a very dynamic format, with unconference sessions (including tutorials, discussions, sprints, etc.). Apart from tutorials, are there there events like this that you might be interested in proposing, leading, or attending? This is not a commitment at this stage, and this will just help us shape the program.

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Background

In selecting participants for PyAstro 2017, we aim to select a diverse pool of participants along many axes.
For more details on our selection process, see the blog post at http://tinyurl.com/ahwsel.
Please contact us at python.in.astronomy.soc@gmail.com with any questions.

20. Describe your Python experience -- please check all that apply *

We are most interested in your experience using python outside of programming courses.
Check all that apply.

- [ ] written my own long Python scripts
- [ ] edited and run Python scripts written by other people
- [ ] written my own Python functions for my work or other project
- [ ] Never used python
- [ ] Written my own classes for my work or other project
- [ ] written my own short Python scripts

21. Experience *

We want a productive balance of people who want to learn new skills and people who have skills to share. There are no right or wrong answers to the following questions, but they will help ensure an experience that is positive for everyone. We anticipate selecting some participants that answer no to all of these questions, some that answer yes to all of the questions, and some who answer with a mix of yes and no.
Mark only one oval per row.

	Yes	No
Have you contributed to a Python package that was distributed to others?	◯	◯
Have you released a Python package that was distributed to others?	◯	◯
Have written and regularly run automated tests for a Python program?	◯	◯
Have written documentation using Sphinx or other similar tools?	◯	◯
Have you used version control for source code?	◯	◯
Have you used git?	◯	◯
Have you used git/github (or similar tools) for branching and pull requests?	◯	◯

22. **Interests** *

Which of these topics would you be interested in learning more about at the workshop? Check all that apply.

Check all that apply.

☐ Contributing to a project that is distributed to others

☐ Releasing your own Python package

☐ Using testing frameworks to automate code testing

☐ Using Sphinx to write documentation

☐ Other: _____

23. **Have you previously been involved in Python-based educational/teaching activities?** *

Mark only one oval.

◯ Yes

◯ No

24. **If yes, please let us know which ones.**

_____

_____

_____

_____

_____

25. **Have you attended a Python in Astronomy workshop before?** *

Mark only one oval.

◯ Yes

◯ No

26. **In terms of gender identity, do you self-identify as an underrepresented minority in astronomy/astrophysics?**

(This question is optional)
Mark only one oval.

◯ Yes

◯ No

27. **In terms of racial or ethnic identity, do you self-identify as an underrepresented minority in astronomy/astrophysics?**

(This question is optional)
Mark only one oval.

◯ Yes

◯ No

Financial Support

28. **Will you be likely to need financial support from us to attend the meeting?** *

If you would like to apply for partial or full support, please indicate below. We will later contact accepted participants who indicate "Full Support" or "Partial Support".
Mark only one oval.

⬭ Full Support

⬭ Partial Support

⬭ No Support   *Stop filling out this form.*

Use of Data to Improve Future Python in Astronomy Conferences

We will be working with social scientists to design a more successful Python in Astronomy conference. We would like to use the application information for this purpose. Data would be used in aggregate with any identifiable information excluded.

29. **Please let us know how we can use the information you provided** *

Mark only one oval.

⬭ Please do not use my information

⬭ You may use my information internally, but it may not be used in publication

⬭ You may use my information internally, but please contact me by email for permission prior to publication.

⬭ You may use my information internally and for publication

A copy of your responses will be emailed to the address you provided