

# PlasmaPy community meeting agenda and minutes

Tuesday 2018 November 20 at [18:00 UT](#)

## Video Conference Information

[Jitsi video conference link](#) with [call-in information](#)

Instant messaging: [Matrix](#) and [Gitter](#)

[PlasmaPy google directory](#) ([minutes/agendas](#), [documents](#))

[PlasmaPy on GitHub](#) ([pull requests](#).)

[PlasmaPy Enhancement Proposals on GitHub](#)

[PlasmaPy Google Calendar](#)

## Agenda (please feel free to edit or add items)

1. Introductions
2. Planning to solicit nominations for Coordinating Committee
3. Brainstorming ideas for Google Summer of Code 2019
4. Summary of last week's Python in Heliophysics meeting [Nick]
5. Planning a tutorial on how to contribute to PlasmaPy
6. Position paper for [US plasma decadal survey](#)
- 7.
8. [Issues](#)
  - a. [Reshuffling packages](#)
  - b. [How do we incorporate data science capabilities?](#)
  - c.
9. [Pull requests](#) in progress
  - a.

## Minutes

- Nick will draft an email announcement for coordinating committee nominations, then the current Coordinating Committee will decide on the new committee members in December. Process described in [PLEP 2](#)
- [GSOC](#) Possibilities:
  - Not as physics related
    - Website
    - Visualization tools
  - Physics related
    - Dispersion relation solver

- Would take some pondering of the scope (existing codes)
  - Atomic databases
  - Creating a `Shock` class
  - 3D topology analysis tools
  - TurbPlasma into PlasmaPy?
  - Equilibrium solvers/stability analysis tools
  - Groundwork for numerical simulation capabilities
- Nick will let Drew know about Python in Heliophysics Email list
  - Announce PyAstro 2019 to list
- Tutorial
  - Aim for January?
  - Topics: how to do a PR, set up tests, write docstrings, tour of repo, `Particle/particle_input`, etc.
  - Astropy has tutorials that we can adapt from
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