Astro Hack Week 2018

This Is Not Your Average Conference

Tea Party

- 1. Introduce yourself
- 2. Stay curious, have fun
- 3. Don't over think answers
- 4. Complete each phrase with a short phrase!
- 5. Share the time between you

What first inspired me in this work is ...

One thing I'd like to learn this week is ...

A challenge I hope we make progress on is ...

I belong at Astro Hack Week because ...

Something I am proud of is ...

If I could relax just a little bit more, it would be possible to ...

Something I plan to give to this community is ...

My hope is that people will experience me as ...

Astro Hack Week will be a success for me if ...

When it's all said and done all I want is ...



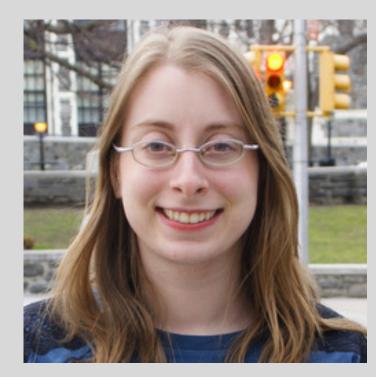
Lauren Anderson



Boris Leistedt



Daniela Huppenkothen



Ellianna Schwab



Jake VanderPlas

Your AHW Team

Lorentz













Our Sponsors!

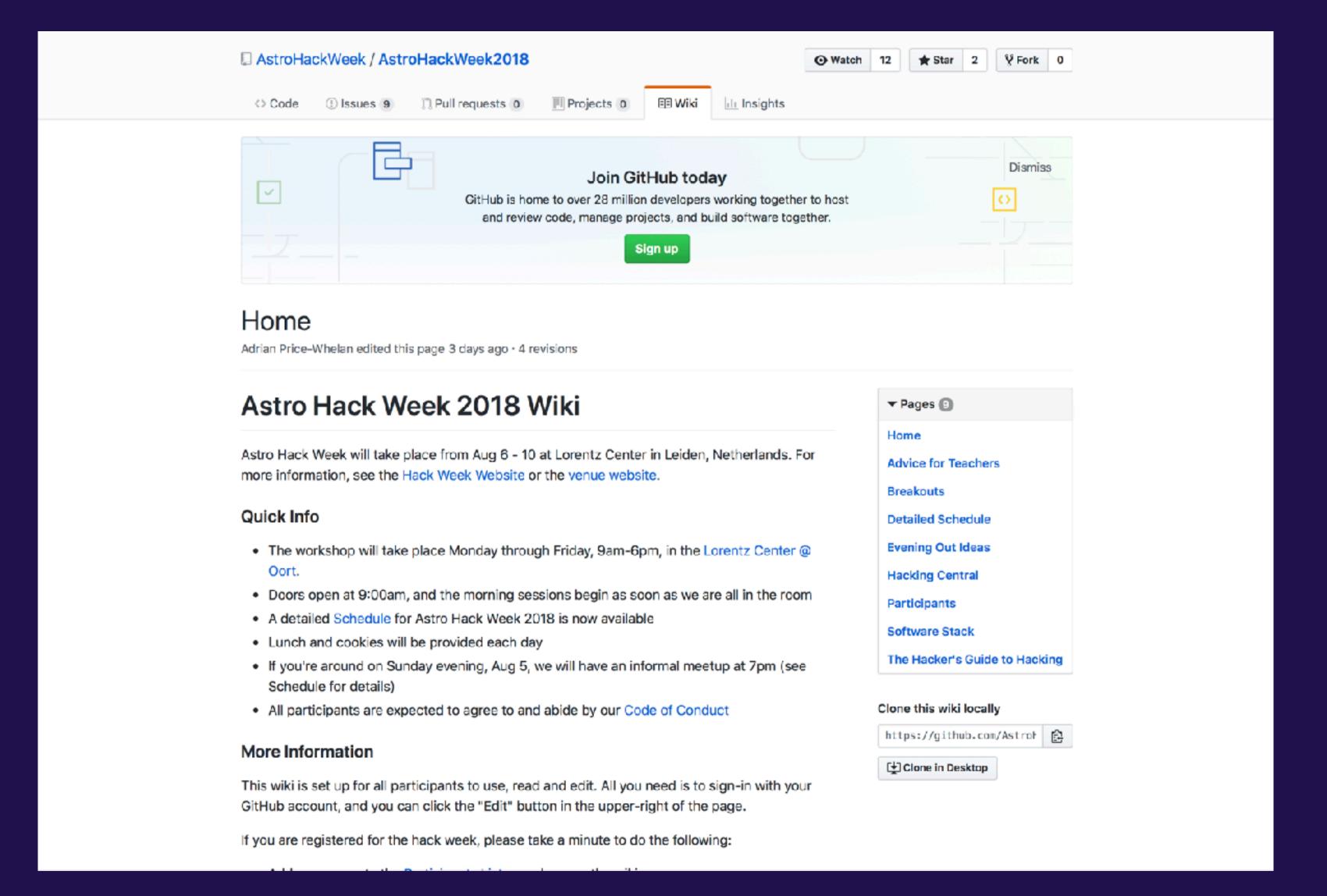
(Thank you!)

Your (short) guide to Astro Hack Week

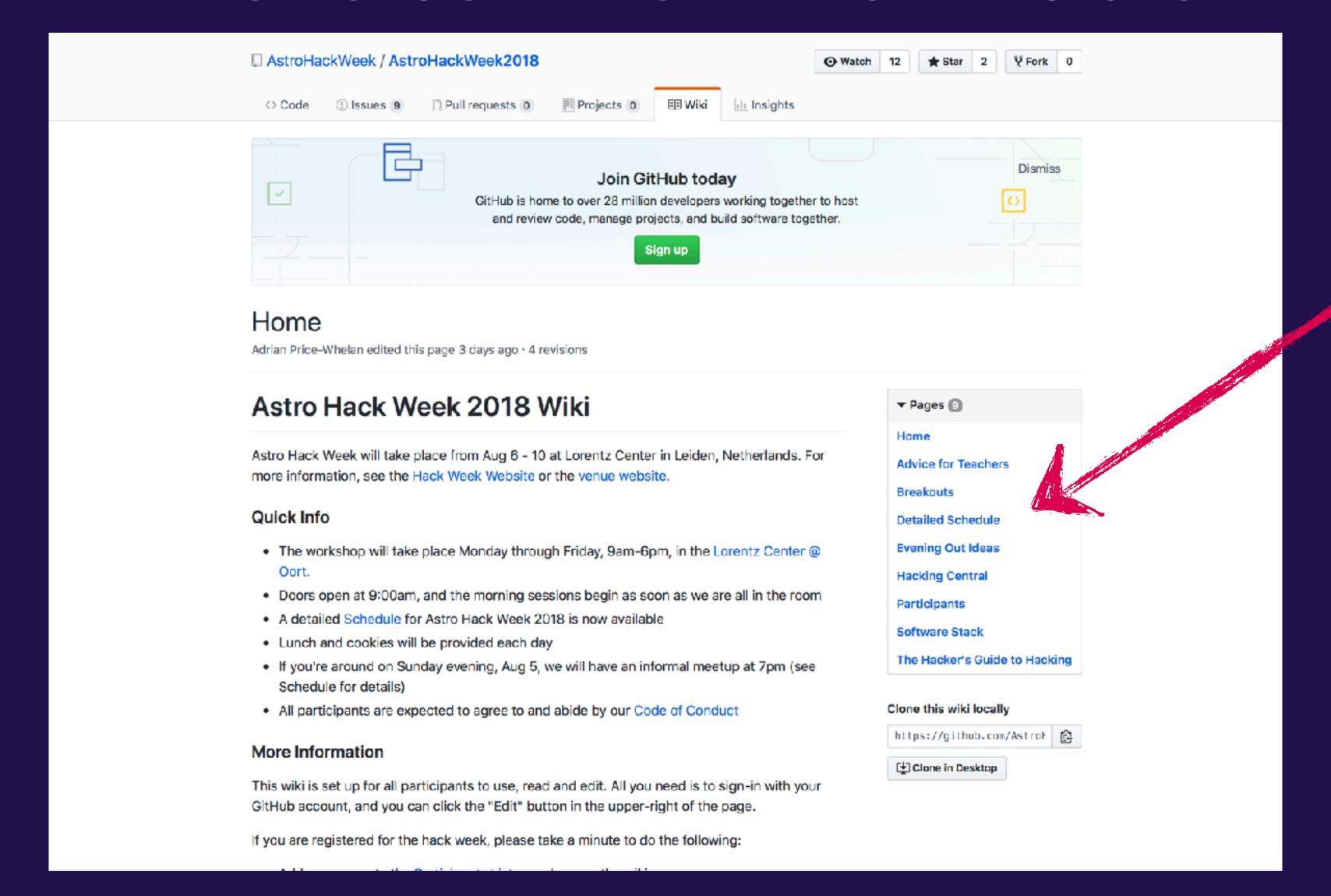
Where to find information

https://github.com/AstroHackWeek/AstroHackWeek2018/wiki

Where to find information



Where to find information



Tutorials

Ask questions + help each other!

Breakouts

= things you want to know more about but aren't covered in the tutorials

Breakouts

- 1-2 per day, 30-45 min each
- add your requests to board
- add your votes for a topic
- volunteer to teach

Hack

A hack is a small project with a very clear goal, which should be completed by the end of the time initially allocated to it.

Hack

To cobble together a quick and dirty solution to a problem.

Hack

To simplify (or take a quick approach to solving) a complex problem.

My hack this week:

Make Astro Hack Week work!

There are many ways to engage ...

- talk to each other:)
- Twitter: #AstroHackWeek
- Slack
- Feedback!

A quick note on name tags ...

... please add your pronouns!

My Astro Hack Week Wish List

Make AstroHackWeek yours!

Try something new

Be bold

Impostor Phenomenon

"Knowledge is fragmented. Everyone only knows bits and pieces. Impostor phenomenon mostly an illusion driven partly by comparing your single mind with a sum over other people."

- Brendon Brewer

Diversity = Excellence

- academic discipline
- career stage
- machine learning/statistics/ programming knowledge
- demographics

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Why are you here?

We think you have something to contribute to Astro Hack Week

Everyone is has experience with (a different) something

To first order, everyone here feels it!

Don't be intimidated

Listen to each other

Follow the Code of Conduct

- Our goal is to have a positive, inclusive, successful and growing community
- We must make an effort to break bad habits
- Exclusionary jokes are not appropriate!
- Welcome questions and answer them respectfully!

Follow the Code of Conduct

- Avoid shaming or bashing any particular tech choice
- Encourage productive and respectful debate and disagreement
- Take action when the code of conduct is broken
 - Talk privately with the person
 - Contact anyone on the SOC about concerns

Be kind

- be mindful of group dynamics
- make space for junior or shy participants
- invite others to participate, but don't put anyone on the spot

It's okay to fail

Learn from each other

Ask Questions

Experiment

Havefun

Learn

Hack

each

Network





Hacking





Reminder

- Add your hacks to the hack document
- Add the AstroHackWeek tag to your GitHub repo
- Please acknowledge AstroHackWeek in your publications!

What is it you'd like to pursue this week?



Pitching Hacks

- 1 minute
- What challenge would you like to work on?
- What is the concrete outcome/product you'd like to have at the end of this week?
- What kind of help do you need?



Organizing the hack teams

- What? Work out the problem definition (facts and observations only!)
- So what? Why is that important? What patterns or conclusions are emerging? What hypotheses can you make?
- Now what? What actions make sense?