

# GNU Radio's 2018

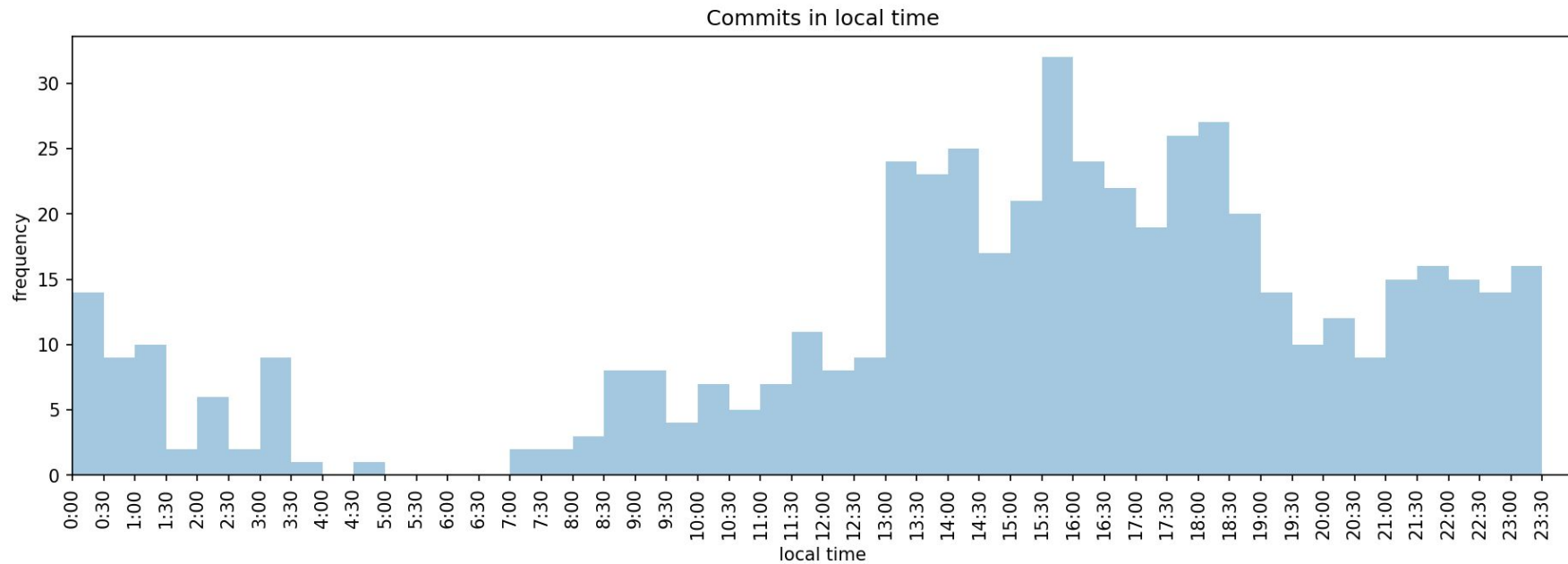


Banana Potato  
Salad Barbeque

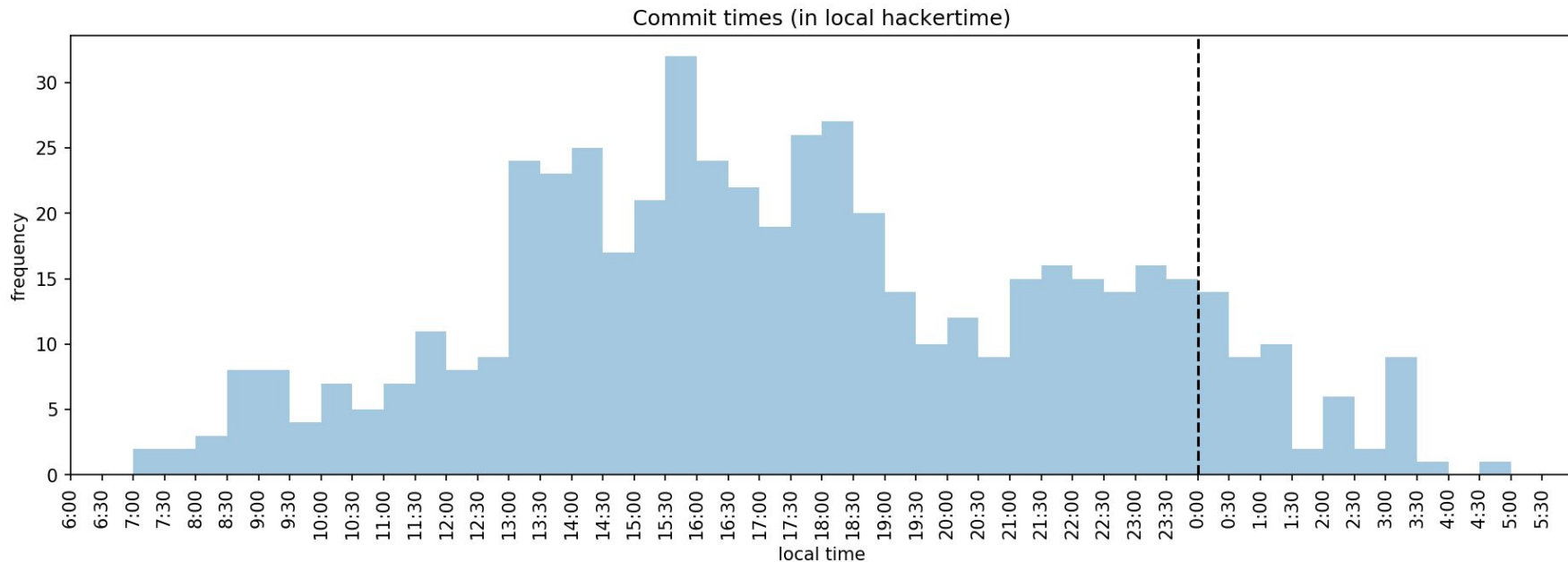
# Commits

- **517 commits** since January 1st (master branch, was 243)  
(master branch, `git log - --no-merges --since=01-01-2018 --oneline | wc -l` )
- First commit of 2018: Erm, hard to say because mergery. Looks like Bogdan Radulescu.
- 64 Unique committers (estd). Was: 49  
`git shortlog --since=01-01-2018 --no-merges -s -n`
- Top 5 committers:
  - 102 Marcus Müller
  - 83 Andrej Rode
  - 72 Martin Braun
  - 36 Håkon Vågsether
  - 31 Brennan Ashton
- Lots of activity in Out-of-Tree Projects!

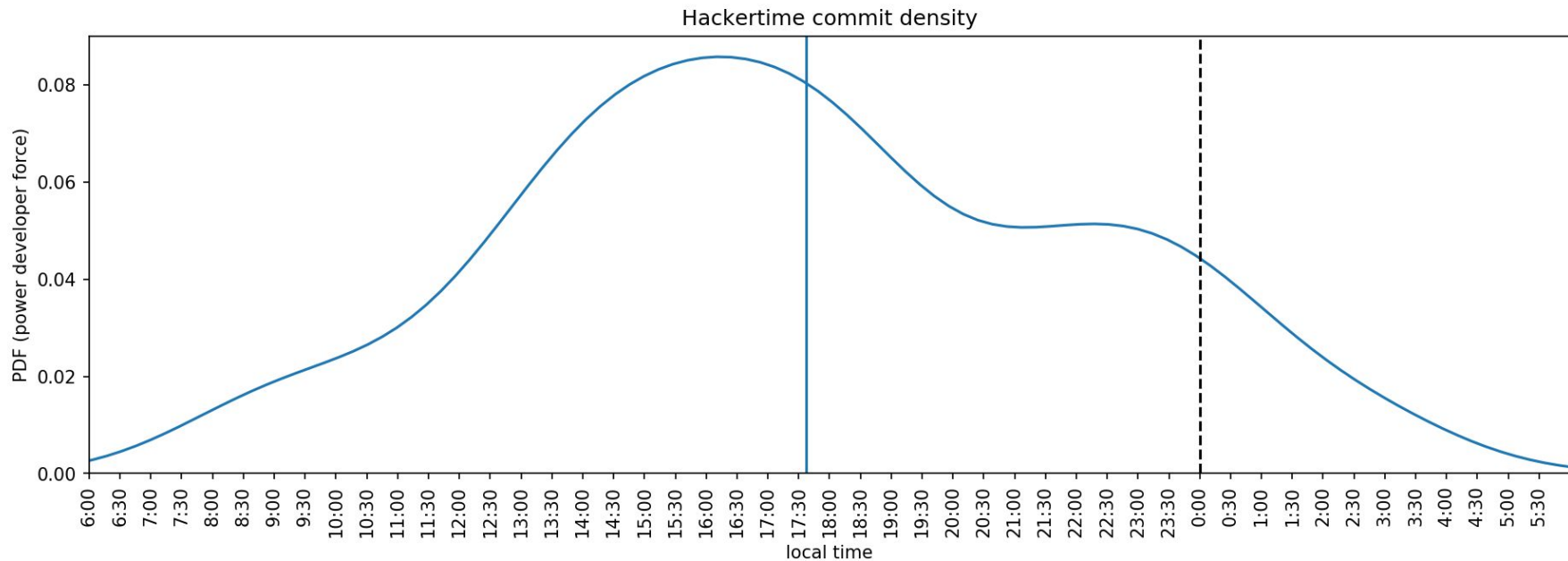
# Commit times



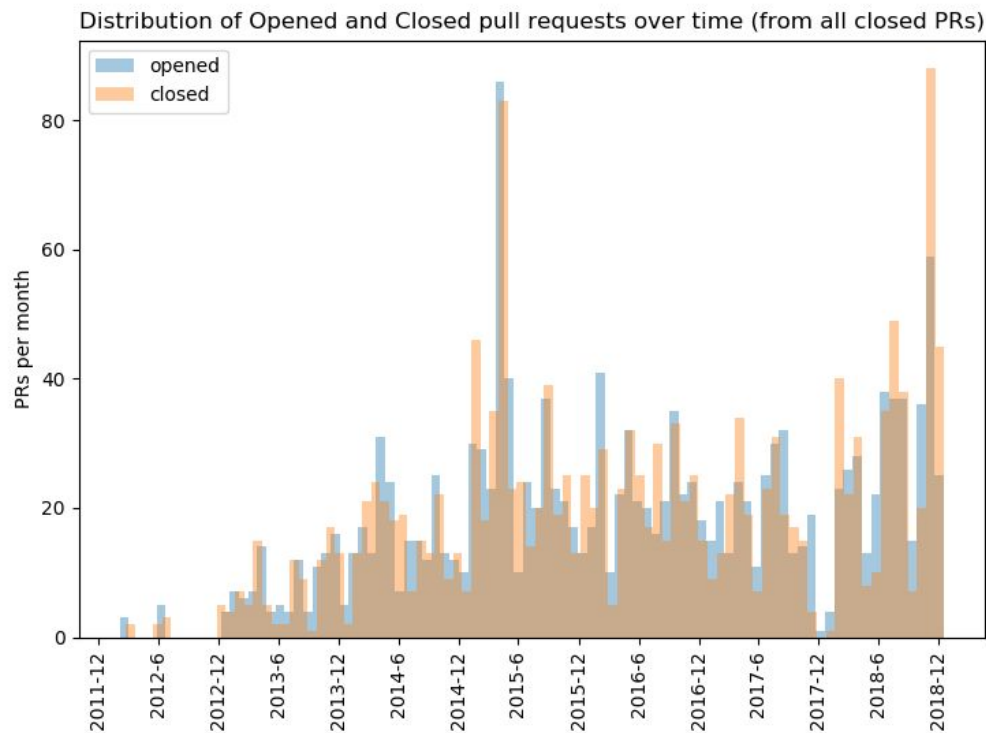
# Wall clock time is unsuitable for devs



# Mean Commit time == 4th Coffee Time



# Opening / Closing of PRs



# In Academia

- Google Scholar: ~2890 new pubs in 2018, up from 2017 (~2270)
- Others:
  - Simulink: 16500, Labview: 13800, ns-3: 4880

# Mailing List

Sorry, no stats this time... but Marcus is still the king.



# Codebase / Issues / CI

- Currently open
  - 264 issues (from 148)
  - 24 pull requests
- See openhub for stats:  
[https://www.openhub.net/p/real-gnuradio/analyses/latest/languages\\_summary](https://www.openhub.net/p/real-gnuradio/analyses/latest/languages_summary)
- GREP System!
  - Introduced this year to coordinate future development in the community.
  - Much success!
- BuildBot up and running! Tied to pull requests.
  - Hosted on OSUOSL OpenStack cluster (thanks!)
  - No horrendously expensive AWS instances

# Releases

- 8 GNU Radio releases  
(includes all the 3.7.13.\* ones)



# Conference

- September, in Las Vegas, NV
- Special thanks to committee, especially Nate, Derek, Neel, and everyone else!
- Record amount of booze at venue!
- 
- All sorts of things happen here: Talks, discussions, hacking, students showing off stuff, working groups, consumption of alcoholic beverages..
- Technical Proceedings of GRCon published!
  - <http://pubs.gnuradio.org/>
  - Indexed by Google Scholar

# Hackfests

- Ettus HQ Hackfest, November



Cricket...

- There will be a HF before FOSDEM!
- Are you interested in hosting a hackfest in 2019? Let us know!

# Summer of code

- Participated in both GSoC
- 2 students
- Gr-modtool, MIMO
- Attended GSoC mentor summit

# Project Calls

- One every month except in September (GRCon) and June (cancelled)
- All recorded to YouTube
- Views in the high tens, sometimes > 100
- Usually participants from at least USA and EU

# Website! And Slack!

- We're actually working on yet more website improvements, want to help?
- Nice bloggery already
- See [slack.gnuradio.org](https://slack.gnuradio.org) for our Slack service
  - Mirrors to #gnuradio, IRC is not going away.
  - Mailing List
  - GREPs: enhancement Proposals
  
- Website traffic, one month period:

**Happy 2019!**

