Intro co-working week
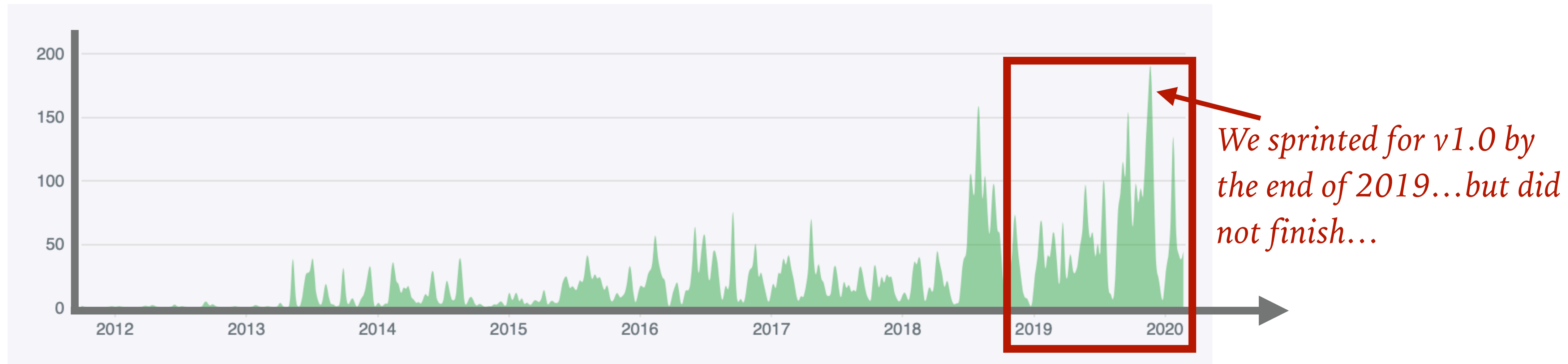
March 2nd - 6th, Axel Donath

OVERVIEW

➤ It's the first time we organise a "co-working week": the idea is all participants dedicate most of their time to work on Gammapy this week and make sure they are available for spontaneous discussions on Slack and remote meetings via Vibe.

➤ Meeting page: https://github.com/gammapy/gammapy-meetings/blob/master/coding-sprints/2020-03-Milano/co_working_week.md

➤ Planned meetings:

  ➤ Tuesday 10am, Wednesday 10am, Thursday 10am, and Friday 10am

  ➤ Shall we have a short meeting every day at 17am to conclude the day?

➤ Slack channels to use: #co-working-week or #dev (gammapy.slack.com)

➤ (Remote) pair-coding recommended!

➤ Thanks again Fabio Pintore for organising the coding sprint in Milano!
It's a pity we had to cancel it…:-(

ACTIVITIES 2019

Commits

We sprinted for v1.0 by the end of 2019…but did not finish…

➤ By commits, 2019 has been the most productive year for Gammapy so far!

➤ Six releases (every ~2 month): v0.11 (Mar. 2019), v0.12 (Mai 2019), v0.13 (July 2019), v0.14 (Sept. 2019), v0.15 (Dec. 2019) and v0.16 (Feb. 2020)

➤ Hands-on sessions at HESS Annecy meeting, CTA Bologna meeting and CTA Lugano meeting

➤ But this January Christoph left science and Gammapy, need to adapt our "working speed" …:-(

➤ Thanks for all your work last year!

TOWARDS V0.17 AND V1.0

➤ Plan is still to release a v1.0 version as soon as possible! If we keep the efficiency high in the next few weeks, v0.17 (planned for March 18th, in the past often delayed to the last week of the month) can be the "release candidate" for v1.0. This means a version with 95% final API and "complete" features. Only testing, polishing and fixing little bugs expected after.

API

➤ Finish package structure changes

➤ Finalise model handling

➤ Remove "CountsSpectrum" class

Validation and testing

➤ Finish event sampling validation

➤ Update and finish validation of DR1-DL3, CTA 1DC, 3FHL etc.

Documentation

➤ Write RST pages for new sub-packages

➤ Finish uniform presentation of notebooks

➤ Document event sampling

Features

➤ Finish event sampling

➤ Temporal model evaluation / handling

➤ Dataset meta data

➤ Introduce EDispKernelMap

Happy coding!
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