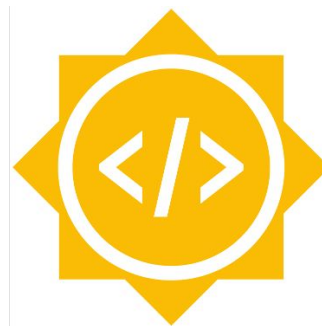


# Informative meeting for mentors of CERN-HSF GSoC 2019



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March 1, 2019

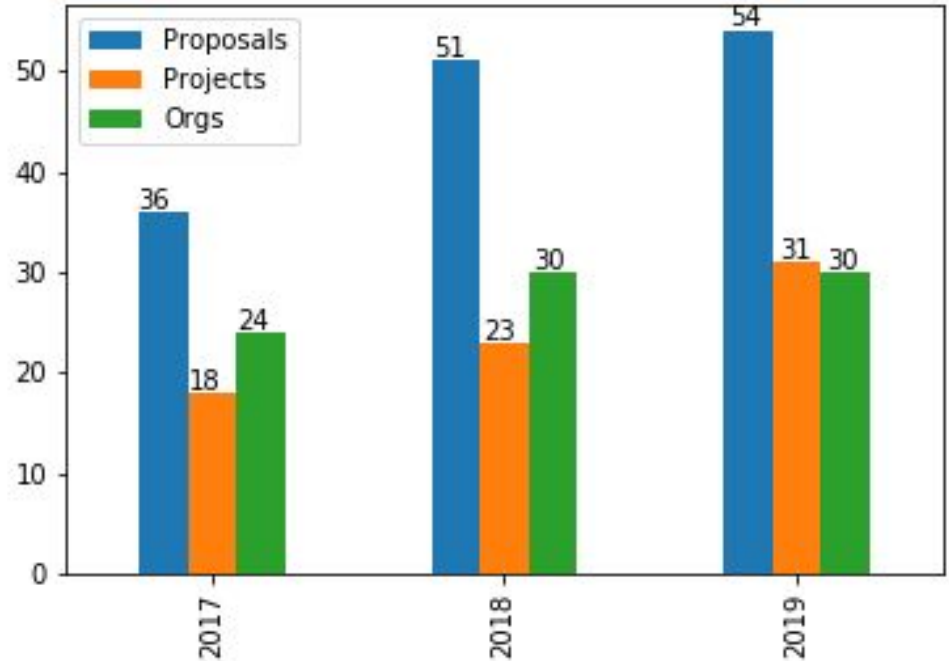


$H.A \rightarrow \tau\tau \rightarrow \text{two } c\text{-jets} + X, 60 \text{ fb}^{-1}$   
 $\sqrt{s} = 500 \text{ GeV } e^+e^-$

## 2019 Numbers

- Organizations: 30
- Projects: 31
- Proposals: 54

CERN Participation over the last 3 years



\*Numbers as of Today (01/03/2019)

H.A. → ... two jets + X, 60 lb

## Mentors are contacted by candidates

Student-organization interaction period	Feb. 26 – Mar. 25 (NOW!)
Student application period	March 25 - April 9
CERN-HSF Slot assignment	April 9 - May 6
Community bonding period	May 6 – May 27
Coding period	May 27 – Aug 26

1. Accept our invitation and sign on as a mentor on GSoC Website
  - Let us know if you have not received it
2. Request joining the Google group: “[HEP Software Foundation Google Summer of Code](#)”
  - Our only communication channel for general announcements
  - Make sure all your co-mentors do the same
3. Respond early to ALL student inquiries (1-2 days max)
  - You can use the response [template](#). Ask for CV, provide the test (example in the agenda) and relevant project information

- A good test challenge can help a lot in filtering candidates. Communication and responsiveness are important aspects.
- Make sure of the availability of the candidate during the coding period (May 27 - Aug 26)
  - Student proposals should reflect other commitments during the coding period
  - Bear in mind this is Full remote job for 3 months
  - Proposals with unacceptable external commitments will not be considered for a slot.

- Do not share your preliminary/final ranking of the candidates with the candidates!
  - They are all allowed to make proposals for your project, even if they fail your challenge or you know upfront they will not get selected
- **Signing up does not imply or guarantee a student**
  - There will be a transparent selection process this year steered by an advisory committee

## Candidates make proposals

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- Give proposal feedback
  - Make sure there is a realistic timeline (matching GSoC) and plan of work leading to the concrete objectives of your project
  - There is a [guideline](#) by Google for students (educative also for mentors)
  - Refine their ideas so that they will produce a better quality proposal
  - Student's proposal can't be altered after the final submission deadline

- Evaluate and rank students according to test results
  - Quality of solution but also responsiveness
- Submit your rankings to the admins (via web / mail)
  - Feedback about students will help us on the selection process

**Please do not communicate preferences to your students**

## Slots are assigned based on Google's decision

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# How is my project selected?

- All proposals will be evaluated and get a score based on some common criteria, among which:
  - Student proposal quality, ranking by mentors
  - Newcomers and diversity will be encouraged
- The information will be compiled by admins and reviewed by a [HSF-driven advisory committee](#)
  - We will request a range of slots to Google (last year we were granted 29 slots)
- The advisory committee will meet and propose the final project ranking to allow assigning the slots

## Students get to know their project communities

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$H, A \rightarrow \tau\tau \rightarrow \text{two } c\text{-jets} + X, 60 \text{ fb}^{-1}$   
 $\sqrt{s} = 500 \text{ GeV } c$

- Before students are expected to start working
- Establish clear communication channels: Hangouts, Vidyio etc.
- Integrate students into group activities and relevant mailing lists
- Meetings, git, workflow, development environments, etc.
- Make sure your students have all they need to start coding
  - Read any necessary documentation
- Mentors should spend this time helping their students

# Start of Coding

Student-organization interaction period	Feb. 26 – Mar. 25 (NOW!)
Student application period	March 25 - April 9
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- Make sure at least one mentor is available at any time
- Maintain regular contact and meetings with student
- Discuss early with admins if any problems arise
  - Illness, unusual excuses, etc.
  - **Fail early**
- Fill evaluations on time: the organization will get penalized
  - Mentor's AND student's evaluations
- Integrate student work into existing communication channels
  - Organize interim and final presentations to your group
  - Think early of possible conferences or venues
- Mentors are responsible to help student contributors integrate into their project's community



- [Google's Mentor Guide](#)
- Prepare your project challenges and be responsive with interested students
- Communicate us any problem
- Estimated GSoC weekly workload: 2-3 hours
  - Make sure you have enough time to follow the program