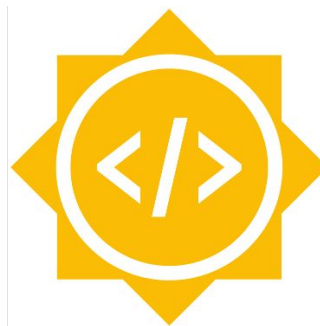


Google Summer of Code 2019 at CERN-HSF





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HSF Weekly Meeting, 07/02/2019

Google Summer of Code (GSoC)

- Created in 2005 to:
 - Expose students to real open source projects
 - Bring new talent and ideas into open source
- 2018 totals
 - 651 organisations
 - 14000+ students, 35 000 000+ LOC
- CERN
 - Participating since 2011 - **excellent results and mentor/student satisfaction!**
 - 2017 - Evolution into an umbrella organisation:
CERN-HEP Software Foundation
 - 2018: **29 students** accepted (26 successful)

Timeline

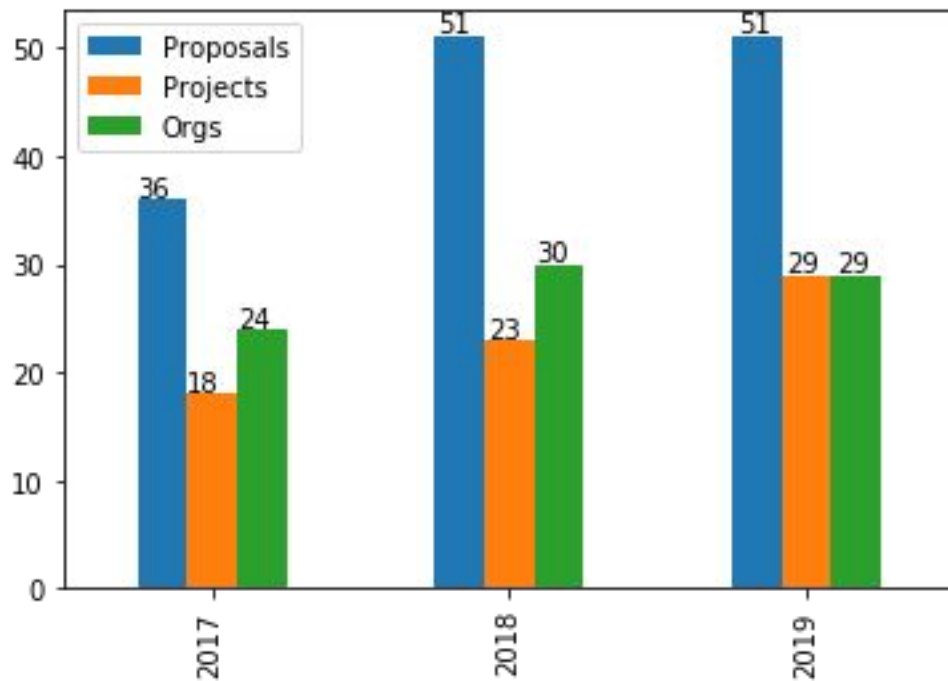
January 15 20:00 UTC	Mentoring organizations can begin submitting applications to Google	
February 6 20:00 UTC	Mentoring organization application deadline	
February 6 - February 25	Google program administrators review organization applications	NOW
February 26 12:00 UTC	List of accepted mentoring organizations published	Waiting for approval
February 26 - March 25	Potential student participants discuss application ideas with mentoring organizations	
March 25 18:00 UTC	Student application period begins	
April 9 18:00 UTC	Student application deadline	
May 6 18:00 UTC	Accepted student proposals announced	
Community Bonding Period	Students get to know mentors, read documentation, get up to speed to begin working on their projects	

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

2019 Numbers

- Organizations: 29
- Projects: 29
- Proposals: 51

CERN Participation over the last 3 years



*Numbers as of Today (07/02/2019)

Under the Umbrella

29 Organisations



95 Mentors



New projects and organizations

Projects	
ALICE	KM3NeT
Acts	Molr
Allen	Patatrack
AstroLab	Phoenix
DIRAC	Rucio
HTCondor	SWAN
IRIS-HEP	VecGeom

Organizations	
CC-IN2P3	University of California Berkeley
DESY	UC Irvine
Institute of Space Science (ISS)	University of California San Diego
Maison de la Simulation (MdS)	University of Massachusetts
Monash University	Université de Genève
Pittsburgh University	University of Sheffield

- Organization:
 - Wait for Google's approval (February 26th)
- Mentors:
 - Student may start contacting you for further information
 - Point them to relevant material related to the project (webs, documentation, code...)
 - Do not provide them with tests or challenges for evaluation yet (until Feb 26th)
- More news from the admins soon
 - We will notify you Google's decision about our participation on GSoC
 - Meeting with all mentors (if accepted) by the end of February

General e-mail - hep-software-foundation-google-summer-of-code@googlegroups.com

Admins list - hsf-gsoc-admin@googlegroups.com