Google Summer of Code
at CERN-HSF

Enric Tejedor

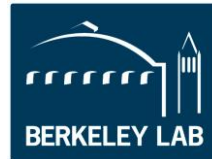HSF meeting, 17/5/2018

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
  - 212 organisations
  - 1264 students

- CERN
  - Participating since 2011
  - 2017 - Evolution into an umbrella organisation: *CERN-HEP Software Foundation*
  - 2018: 29 students accepted (26 last year)

25 Organisations

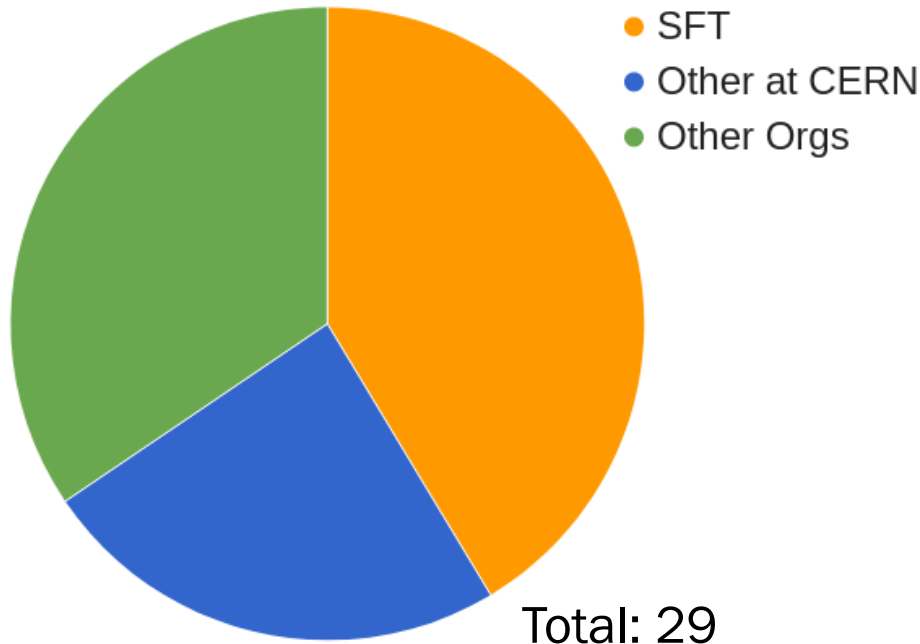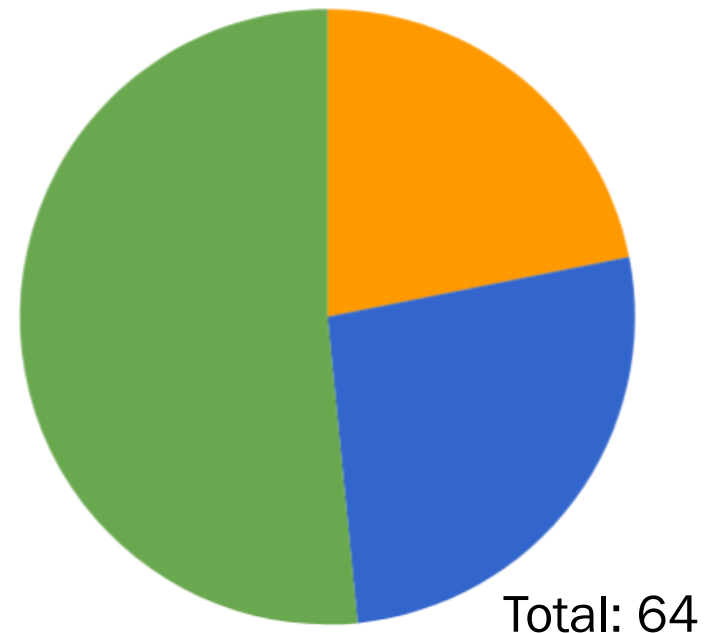**64 Mentors**

- Students/projects
  - CERN: 19
  - Other organisations: 10

- Mentors
  - CERN: 31
  - Other organisations: 33

CERN-HSF Projects

- SFT
- Other at CERN
- Other Orgs

Total: 29

CERN-HSF Mentors

Total: 64

Project Areas	Students	Organisations
ROOT	4	CERN, Princeton, UNL, KIT, UO, UJI
TMVA	5	CERN, EPFL, ETH, UFL, UdeA
Geant4/GeantV	2	CERN, MIPT
CVMFS	1	CERN
Rucio (ATLAS)	2	CERN, UOslo
Eigen (ATLAS)	1	RAL
HAhRD (CMS)	1	LLR
DIRAC (LHCb)	1	CERN
SixTrack	1	CERN
CERNBox	1	CERN, AARNet, ownCloud

Projects (II)

Project Areas	Students	Organisations
Ganga	1	CERN, Imperial College
WLCG	1	CERN
DIANA/HEP	1	Princeton
GoHEP	1	LPC
ACTS	1	LAL, CERN
Spark3D	1	LAL
Allpix Squared	1	CERN, UG
Falcon	1	UFL, UdeA
Magboltz	1	UTA
YAMPL	1	ANL, LBNL

- Coding period just started
  - May 14th
  - This year it started earlier!

- Mentors should have contacted students
  - Establish communication channels
  - Review the work plan, adjust if necessary
  - Participate in meetings
  - Start coding

- First evaluation: June 11-15
  - Very important not to miss it!