



# High-School Students Internship Programme – Deutschland 2019 Supervisor briefing

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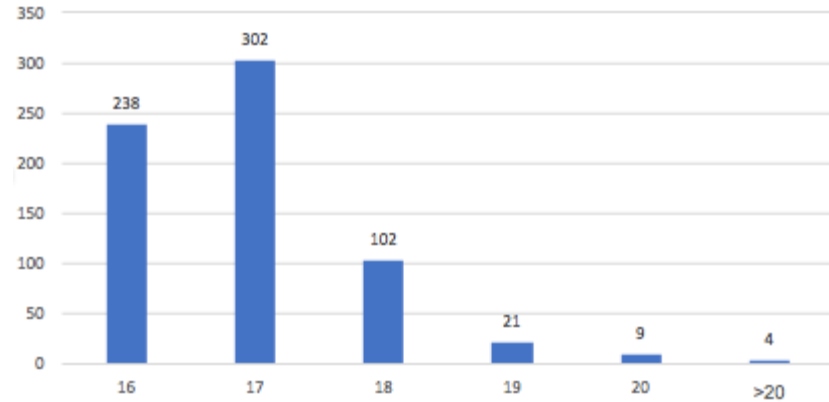
# Statistics

712 applications received

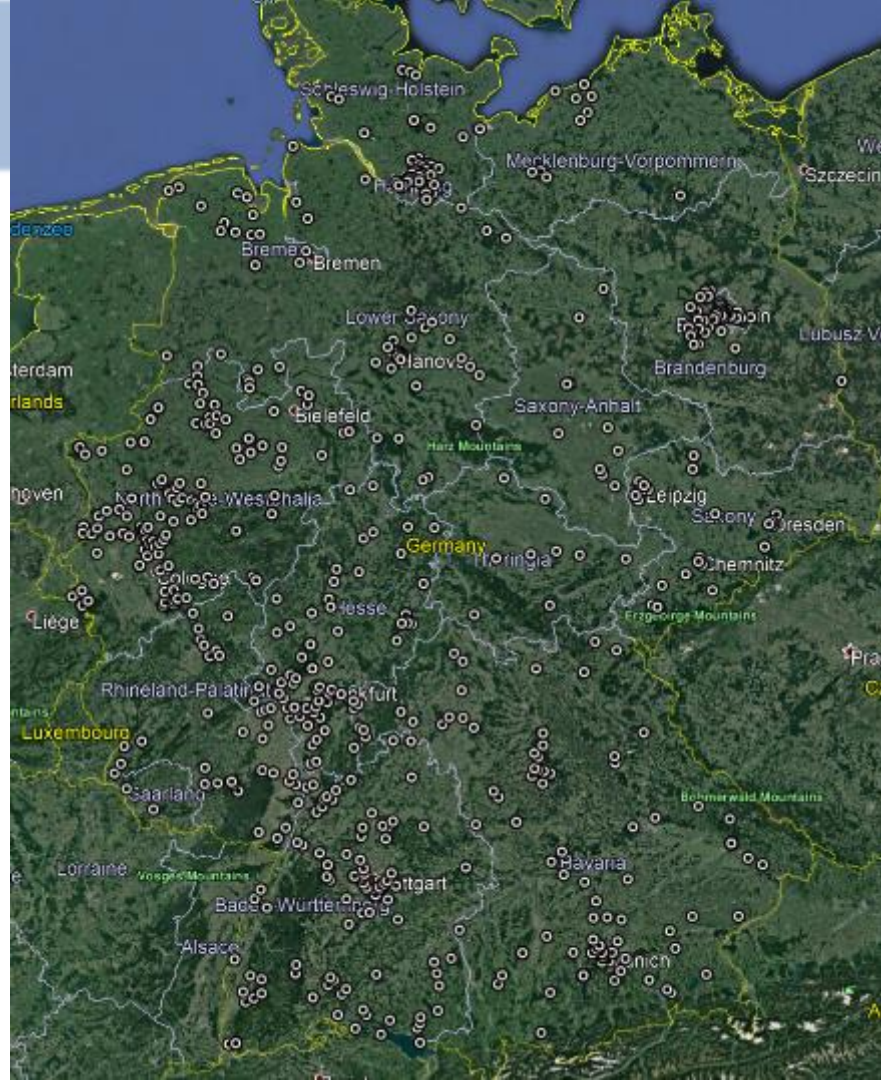
676 valid for selection

Selection committee consisting of 14 diverse reviewer

2 selection rounds



## Regional split from applications



# HSSIP at a glance

- 24 students (students selected, 12 female, 12 male)
- 2 accompanying teachers (Mrs. Prüfer and Mr. Claas)
- 2 weeks (06.05.- 17.05.)
- 12 CERN supervisors from the Germany community → YOU
- 12 interesting projects → proposed by you
- Visits at CERN, some lectures, a hands-on workshop in S'Cool LAB (cloudchamber workshop + an additional experiment)
- programme dinner & social events
- A final presentation per student team
- Travel grant, hostel and daily meal allowance covered by CERN



# Students...

- ... will have a NICE computing account & CERN email address
- ... can get a dosimeter to work in supervised areas
- ... can get a bike to work at Preveessin site
- ... can borrow a laptop from us (basic set up: Word, Excel, PPT)



# Your role

- Accept to have 2 students in the time from 06.-17.05. during working hours
- Propose an interesting project that they can work on, best case: independently
- They will not be with you for the entire time (as they go on visits, have lectures, etc. – agenda is still work in progress: [indico.cern.ch/e/DEHSSIP19](https://indico.cern.ch/e/DEHSSIP19))
- Accommodate them in your team (office space) – if you don't have space, please contact the organisers
- Have a work-station ready for them – if you cannot organise a work-station for them, please contact the organiser

# Project inspiration

- Raindrops and muons
- Setting up RFID systems
- Outreach in the ATLAS experiment
- Supervisory Control And Data Acquisition software for THE Thing
- Identification of quarkonium resonances in di-muon mass distribution at ATLAS detector
- Beam quality throughout the LHC injector chain
- Robotique et expérience pratique sur le contrôle de la robotique



# Our needs

What we need from you:

- A catchy title of your project
- 2-3 sentence description – can be either in English or German
- Additional requirements, e.g. dosimeter, bike, additional workspace or workstations
- ...



# Questions?

Please feel free to ask any questions – also during the programme:

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