

# DESY Summerstudents 2019

## Particle and Astroparticle Physics

- Be one of ~90 (18) international summies at DESY Hamburg (Zeuthen)
- Work within a DESY research group on an exciting project:
  - **Experiments:** ATLAS, CMS, ILC, BELLE II, ALPSII, CTA, IceCube
    - Physics data analysis, Software, Detectors
  - **Accelerator Research:** Linear Accelerators, Plasma Wakefield, PITZ
  - **Theory:** Collider Phenomenology, Lattice QCD, Cosmology, Strings, Astroparticles
  - **Computing:** Grid, Cloud, GPUs, parallel computing
- Lectures, guided tours, social events, financial support + more
- Qualification:  $\geq 3$  years of study by summer 2019 and finish master  $\geq 2020$

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**Internship Program 16 July to 5 September 2019**

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Internship Program 16 July to 5 September, 2019



**Hamburg  
Summies '17  
(HEP +  
Photon  
Science)**

**Zeuthen  
Summies '17**

