

DASHH/PIER Graduate Schools + Alumni Presentation Event - Introduction

DESY, 26 August 2025

Olaf Behnke, Nick Styles

Did you know that more than 10% of DESY summer students come back to DESY for doing their PhD?
.. And many others come back later, as post-doc, scientific staff or professor..
.. or pursue a succesful career elsewhere in Academia or Industry

Today you will learn about:

Part 1: 2-3 pm



**PIER HELMHOLTZ GRADUATE
SCHOOL (PHGS)**



STEFANIE TEPASS
Lead Coordinator PHGS

International Helmholtz-Weizmann
Research School
on Multimessenger Astronomy



Silvia Alessandria
Coordinator

DASHH Data Science in Hamburg
HELMHOLTZ Graduate School
for the Structure of Matter



Dr. Heike Hufnagel
DASHH Office
Coordinator



Dr. Christiane Ehrt
DASHH scientific
Coordinator

Part 2: 3-3.30 pm

Four Ex-DESY Summer students
report about their career paths

- Robert Feidenhans'l
- Veronika Kratzer
- Dwayne Spiteri
- Elina Fuchs

Part 3: 3.30 -4.30 pm

Informal chat with Coffee & Cake in
DESY Canteen extension bld. 09a

Reflections & Inspirations for Current Summies from Former ones

Speakers

- Robert Feidenhans'l – Former Director, European XFEL | Leadership in large-scale research facilities
- Veronika Kratzer – LMU | Physics, Science communication & Media design
- Dwayne Spiteri – Project Scientist at DESY | Experience in Academia & Industry
- Elina Fuchs (online) – Professor, Leibniz Uni Hannover & DESY | Bridging particle physics and cosmology

Session Flow

- Short reflections: DESY experience → influence on career choices → lessons learned
- Q&A with guiding questions:
 - Challenges faced & DESY's role; Advice for today's summer students; Skills & networks that last

Closing

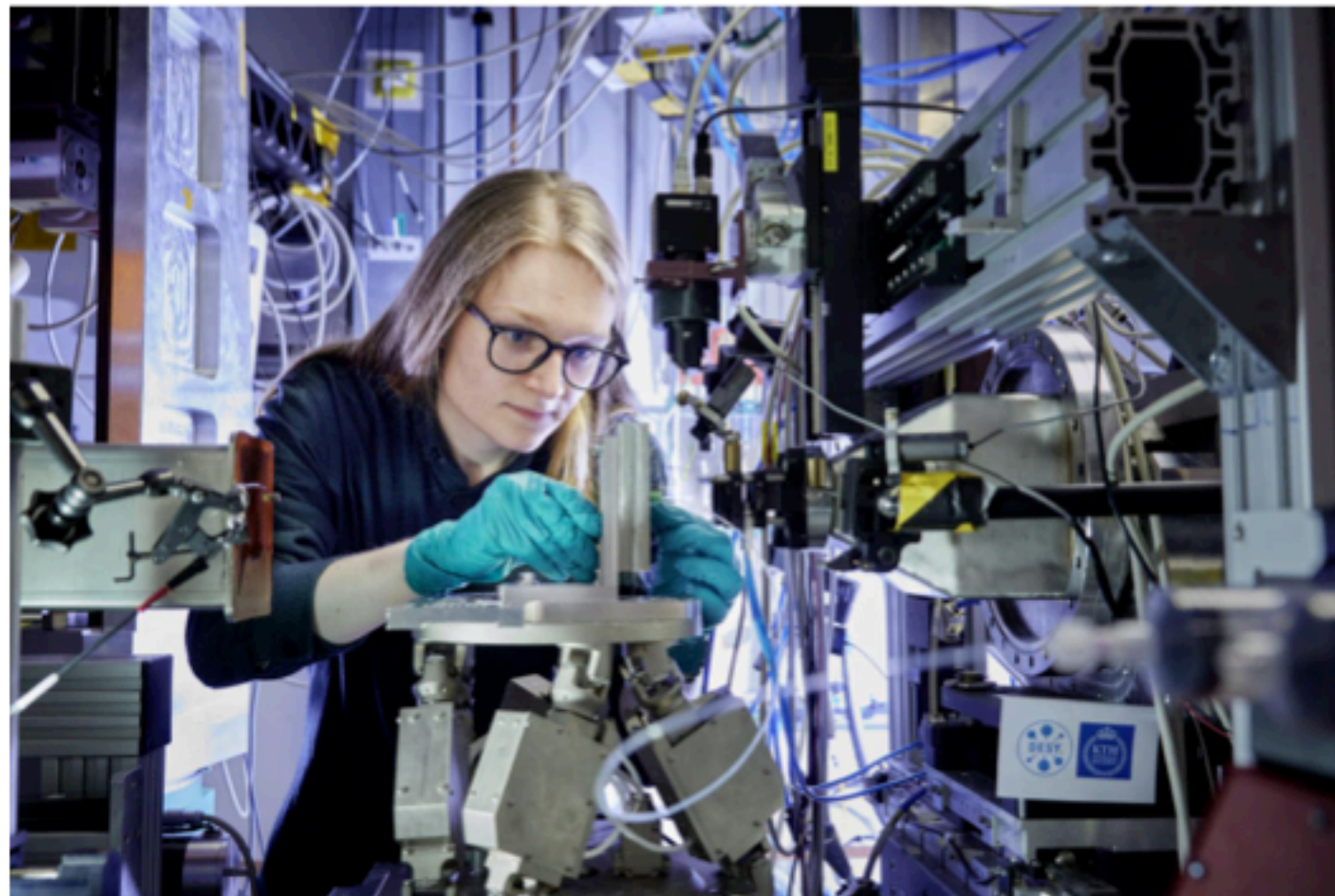
- Thank you to our speakers
- To current summies: *stay curious, build connections, and remember there are many ways to contribute to science & society*



Poster for 2025 edition

SUMMER STUDENTS.

DESY International Summer Student Program 2025
22 July to 11 September



DESY is one of the world's leading research centers for photon science, particle and astroparticle physics as well as accelerator physics. Each summer DESY invites up to 100 students in physics and related disciplines to join research groups and participate in their activities. The summer student program consists of individual work projects and complementary lectures.

Application deadline is 31 January 2025
Qualified applicants should have completed three years of full-time studies at university level by summer 2025. All participants will receive financial support.

Photon Science
Projects are offered at DESY as well as EuXFEL and include research with synchrotrons, FELs, and optical lasers on molecules, soft matter, solid-state and nanomaterials, the development of new experimental techniques, the theory of light-matter interaction, and scientific computing.

Elementary Particle, Astroparticle and Accelerator Physics
Projects in the analysis, software or detector related fields of experiments in elementary particle physics (ATLAS, CMS, BELLE II, ALPS II, and future experiments), astroparticle physics (CTA, IceCube), development of particle accelerators and detectors, theory, and scientific computing within the Worldwide LHC Computing Grid.



www.desy.de/summerstudents

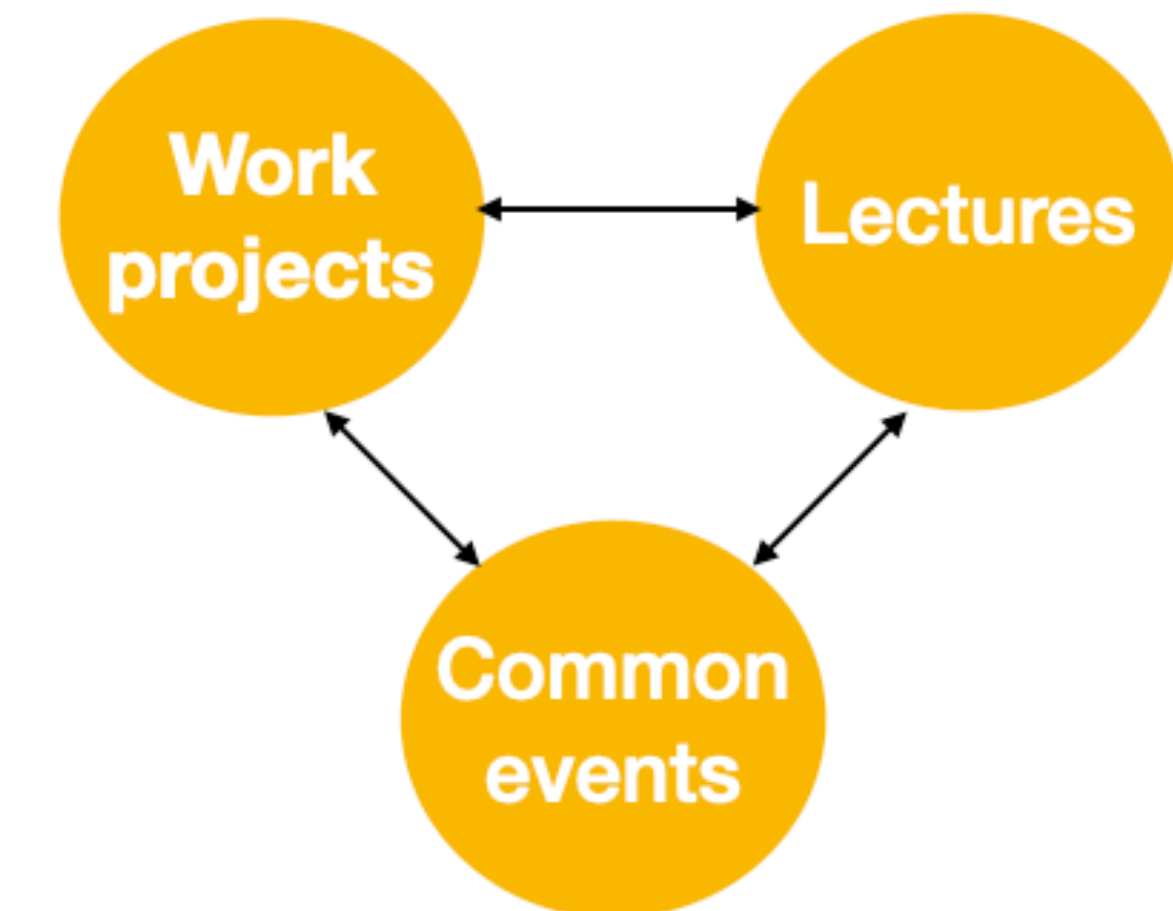


Deutsches Elektronen-Synchrotron DESY
A Research Centre of the Helmholtz Association

- ~100 students from all over the world participate for 8 weeks (22 July - 11 Sep) in the DESY research at Hamburg and Zeuthen sites
- Astroparticle physics, Accelerators, Particle Physics and Photon Science (hands-on, data analysis, software, computing, theory)



School elements:



- Main target audience: physics students with 3-4 years study experience

<https://summerstudents.desy.de>

For 2026 program: Online application will be open: 15 Nov 2025 - 31 Jan 2026

DESY Activities

From four research areas

Accelerators

© DESY/UHH/A. Pousan

Particle Physics

© ATLAS/CERN

IceCube

Astroparticle Physics

© NASA/Swift/
Dana Berry

Photon Science

© DESY

+ much more!