

## Postdoc position in Particle Physics (FHPO001/2022) DESY, Hamburg

With its more than 2700 employees at its two locations in Hamburg and Zeuthen, is one of the world's leading research centres. The particle physics programme of DESY consists of strong contributions to the LHC experiments ATLAS and CMS, the Belle-II Experiment in Japan and to the preparation of future experiments. The experimental programme is enhanced by collaboration with a strong theory group. DESY is seeking an outstanding researcher to fill a postdoctoral position working on the CMS experiment. The successful candidate is expected to take a leading role in the data analysis and software developments especially at the start of the LHC Run 3. Study of rare processes as well as precision measurements, particularly in top quark physics, are envisaged. Interpretations in the context of effective field theory are also considered.

### The position

- Active role in the CMS experiment
- Engagement in top quark physics and precision measurements
- Participation in supervising students

### Requirements

- Ph.D. in Experimental Particle Physics
- Experience in LHC physics data analysis
- Strong motivation to participate in innovative projects
- Excellent teamwork abilities, good communication skills and knowledge of English

Interested physicists are invited to submit their application, including a letter of motivation and the usual documents (curriculum vitae, list of publications, copies of university degrees). They should also arrange for three letters of recommendation. The position is limited to 3 years.

The deadline for applications is 01.03.2022. The call will however remain open until the position is filled.

For further information please contact Dr. Abideh Jafari, +49-40-8998-3064 ( [abideh.jafari@desy.de](mailto:abideh.jafari@desy.de) ) or Dr. Isabell Melzer-Pellmann, +49 40 8998 2489,( [isabell.melzer@desy.de](mailto:isabell.melzer@desy.de) ).

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. Handicapped persons will be given preference to other equally qualified applicants. DESY operates flexible work schemes. DESY is an equal opportunity, affirmative action employer and encourages applications from women. Vacant positions at DESY are in general open to part-time-work. During each application procedure DESY will assess whether the post can be filled with part-time employees.

We are looking forward to your application via our application system:

[https://www.desy.de/career/online\\_application/index\\_eng.html?p=18404:10:0&jobid=FHPO001/2022&P\\_LANG=en](https://www.desy.de/career/online_application/index_eng.html?p=18404:10:0&jobid=FHPO001/2022&P_LANG=en)

INSPIRE link: <https://inspirehep.net/jobs/2024187>

DESY link of job description: [https://v22.desy.de/e67416/records154043/index\\_eng.html](https://v22.desy.de/e67416/records154043/index_eng.html)

Deutsches Elektronen-Synchrotron DESY  
Human Resources Department | Code: FHPO001/2022  
Notkestr. 85 | 22607 Hamburg Germany  
Phone: +49 40 8998-3392  
<http://www.desy.de/career>