



Accelerators | Photon Science | Particle Physics  
 Deutsches Elektronen-Synchrotron  
 A Research Centre of the Helmholtz Association



# PARTICLE PHYSICS.

## DESY has openings for: DESY-Fellowships - experimental particle physics

### DESY

DESY is one of the world's leading research centres for photon science, particle and astroparticle physics as well as accelerator physics.

DESY develops, runs and uses accelerators and detectors for the investigation of the structure of matter.

### The position

Fellows in experimental particle physics are invited to participate in a project of DESY's particle physics research programme at Hamburg.

- Analysis and detector-upgrade in the LHC experiments ATLAS and CMS
- Preparation of the International Linear Collider ILC (accelerator and experiments)
- Participation in the Analysis Forum of the Helmholtz Alliance "Physics at the Terascale"
- Participation in the experiments ALPS and BELLE II
- Generic development of detectors and accelerators for applications in particle physics

### Requirements

- Ph.D. completed within the last 4 years
- Experience in experimental particle physics

DESY-Fellowships are awarded for a duration of 2 years with the possibility of prolongation by one additional year.

Further informations and a link to the submission system for your application and the references can be found here:

[http://particle-physics.desy.de/education\\_\\_career/fellowship/index\\_eng.html](http://particle-physics.desy.de/education__career/fellowship/index_eng.html)

Please note that it is the applicants responsibility that all material, including letter of references, reach DESY before the deadline for the application to be considered.

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. There is a bilingual kindergarten on the DESY site.

We are looking forward to your application quoting the reference code preferably via our electronic application System: Online-Application

**Deutsches Elektronen-Synchrotron DESY**

Human Resources Department | Code: FHFE001/2017

Notkestraße 85 | 22607 Hamburg | Germany | Phone: +49 40 8998-3392

Email: [recruitment@desy.de](mailto:recruitment@desy.de)

**Deadline for applications: 31 March 2017**

**[www.desy.de](http://www.desy.de)**

The Helmholtz Association is Germany's largest scientific organisation.  
[www.helmholtz.de](http://www.helmholtz.de)



FRIEDRICH-ALEXANDER  
 UNIVERSITÄT  
 ERLANGEN-NÜRNBERG

NATURWISSENSCHAFTLICHE  
 FAKULTÄT

The Faculty of Sciences invites applications for a

## W3 Professorship for Experimental Astroparticle Physics (Tenure Track Heisenberg Professorship)

at the Department of Physics, Erlangen Centre for Astroparticle Physics (ECAP), to be filled by the earliest possible starting date.

The successful candidate is expected to represent the field adequately in teaching and research. The position is associated with the research focus *Physics and Mathematics of the Cosmos* of the Faculty of Sciences at FAU and will be part of the Erlangen Centre for Astroparticle Physics (ECAP), where the key research activities in astroparticle physics are currently in gamma ray and neutrino astronomy. The successful candidate is expected to have outstanding international qualifications and shall establish research at ECAP in a field of astroparticle physics that is preferentially not yet represented at FAU. The *ECAP Laboratory*, a research facility which recently received approval, will provide excellent infrastructure for experimental work from 2022 onwards. The successful candidate will collaborate with working groups for astrophysics, astronomy, theory, and detector technology.

The professorship is to be created as part of the Heisenberg programme of the Deutsche Forschungsgemeinschaft (DFG). The establishment of the professorship and the appointment are contingent on the candidate's successful application for a Heisenberg professorship with DFG. According to DFG regulations, the W3 position shall be initially limited to three years. A permanent position may be granted after a positive evaluation by DFG and the university three years after the initial appointment. If the position is to be continued after this three-year period, no new appointment procedure need be carried out.

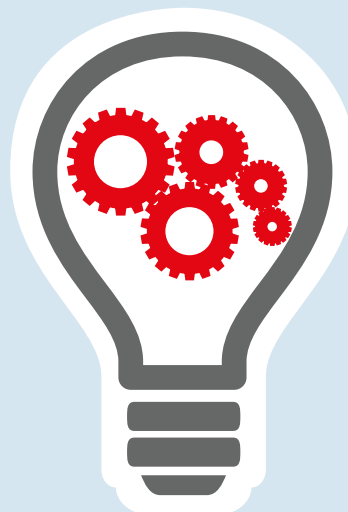
For further information and the application guideline please see  
<https://www.fau.eu/university/careers-at-fau/professorships/>.

Please submit your complete application documents (CV, list of publications excluding reprints, list of lectures and courses taught, copies of certificates and degrees, list of third-party funding) to the Dean of the Faculty of Sciences, FAU Erlangen-Nürnberg: Prof. Dr. Frank Duzaar, Universitätsstr. 40, D-91054 Erlangen, by **15.4.2017**. Please also send an electronic version to [nat-dekanat@fau.de](mailto:nat-dekanat@fau.de).



[www.fau.de](http://www.fau.de)

# brightrecruits.com



## The jobs site for physics and engineering



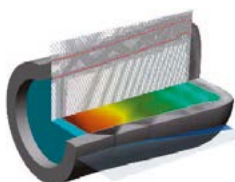
An EPSRC Centre for Doctoral Training on  
**Computational Methods for Materials Science**



**At least 12 MPhil + PhD Studentships in the University of Cambridge in the Depts of Physics, Chemistry, Materials, Engineering & Chemical Engineering**

Applications are invited for a four-year MPhil + PhD Centre for Doctoral Training (CDT) Programme at the University of Cambridge which will train students in the development and application of computational methods for predicting, understanding and enhancing properties of materials.

Computational modelling plays an increasingly important role in the understanding, development and optimisation of new materials. Our CDT will train scientists not only in the use of existing modelling methods but also in the underlying computational and mathematical techniques. The CDT has the support of many industrial partners who are funding PhD places, providing industrial placements as well as being fully involved in the teaching, training and research elements of the CDT Programme.



The first year of the CDT Programme provides an education in Computational Methods for Materials Science of the highest quality at a graduate level and leads to an MPhil qualification. Students then proceed to a 3 year PhD project at a participating department. For details on supervisors, studentships and how to apply, visit our website: <http://www.csc.cam.ac.uk/academic/cdtcompmat>

For further enquiries, email the CDT Director, Prof. M Payne (Physics): [mcp1@cam.ac.uk](mailto:mcp1@cam.ac.uk), or one of the Deputy Directors, Dr J Elliott (Materials Science) [jae1001@cam.ac.uk](mailto:jae1001@cam.ac.uk) or Dr N Nikiforakis (Scientific Computing): [nn10005@cam.ac.uk](mailto:nn10005@cam.ac.uk)





**physicsworld**

# careers

**Career opportunities for those with a background  
in physics and related subjects**

A bumper-sized book with helpful careers advice, real-life case studies, as well as an extensive employer directory powered by **brightrecruits.com**

**Download the free Physics World app today!**



Read online at **[physicsworld.com/careers](http://physicsworld.com/careers)**