

Recruitment

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中国科学院高能物理研究所
Institute of High Energy Physics
Chinese Academy of Sciences

IHEP RECRUITMENT OF OVERSEAS HIGH-LEVEL TALENTS

INSTITUTE OF HIGH ENERGY PHYSICS,
CHINESE ACADEMY OF SCIENCES



The Institute of High Energy Physics (IHEP) of the Chinese Academy of Sciences (CAS) invites applications for permanent staff positions at all levels. IHEP is a comprehensive research laboratory for particle and astroparticle physics, accelerator physics and technology, radiation technologies and applications, as well as for nuclear analytical techniques and interdisciplinary research.

For More Information: <http://english.ihep.cas.cn/>

Recruitment Objectives:

Based on the needs of the research areas and the disciplines development of IHEP, we are now publicly recruiting overseas outstanding talents and scholars of relevant disciplines who possess research abilities and innovation awareness.

Programs:

- 1 National "Thousand Talents Program" (full time & part time programs) for established scientists
- 2 National "Thousand Young Talents Program" for outstanding junior scientists
- 3 Pioneer "Hundred Talents Program" of CAS for outstanding junior scientists, excellent junior detector or accelerator experts
- 4 "Outstanding Talents Program" of IHEP for scientific research or technical talents

Research Areas:

Experimental Particle and Nuclear Physics, Theoretical Physics, Astronomy and Astrophysics, Nuclear Technology, Accelerators, Neutron physics, Condensed matter physics, Chemistry, Biochemistry and Molecular Biology, Biophysics, Computing, Multidisciplinary Research.

Contact:

Office of Human Resources, Institute of High Energy Physics, Chinese Academy of Sciences

E-mail: lianggj@ihep.ac.cn Tel: (86)010-88233157 Fax: (86)010-88233102

Address: No. 19 (B), Yuquan Road, Shijingshan District, Beijing (Postcode: 100049)

Applications should include a CV, an outline of academic accomplishments, description of current research and plan for future research, 3 – 5 published papers representative of your work, and a record of citations for your work. You should arrange for 3 letters of reference from experts in your field to be sent by post or email (established scientists are not requested).

For detailed information, please visit <http://english.ihep.cas.cn/doc/2649.html>



The future is in laser technologies

The ELI (Extreme Light Infrastructure) Project is an integral part of the European plan to build the next generation of large research facilities. ELI-Beamlines as a cutting edge laser facility is currently being constructed near Prague, Czech Republic. ELI will be delivering ultra-short, ultra-intense laser pulses lasting typically a few tens of femtoseconds with peak power projected to reach 10 PW. It will make available time synchronized laser beams over a wide range of intensities for multi-disciplinary applications in physics, medicine, biology, material science etc. The high intensities of the laser pulse will be also used for generating secondary sources of e- and p+ and high-energy photons. Our research groups are expanding and recruiting physicists and engineers.

In our team we therefore have the following positions available:

- Junior Scientist
- Senior Scientist
- Laser Physicist
- Junior Engineer
- Senior Engineer
- Vacuum Technician
- Mechanical Designer
- Control System Specialist
- Safety Engineer
- Optical Engineer
- X-ray Scientist
- Opto-mechanics

For more information see our website www.eli-beams.eu and send your application, please.



The Department of Physics and Astronomy in the Faculty of Mathematics and Natural Sciences of the University of Bonn invites applications for a

Professorship (W2 Tenure Track W3) for Experimental Physics Strong Interaction Physics

at the Helmholtz-Institut für Strahlen- und Kernphysik.

Hadron physics together with elementary particle physics is one of the main research areas of the Physics Department of the university. The experimental groups conduct research at the local accelerator ELSA as well as at external laboratories with the experiments PANDA at FAIR, ALICE, COMPASS and ATLAS at CERN, and Belle/Belle2 at KEK.

The research focus of the professorship is expected to be in the field of exotic states of the strong interaction and should extend and strengthen the existing research activities in the area of meson and/or baryon spectroscopy. Possible research topics are: the spectroscopy of hadrons with heavy quarks, exotic quark configurations or gluonic degrees of freedom. Candidates should have an outstanding research profile in developing and building detector systems as well as in data analysis.

The candidate is expected to contribute significantly to the new "Research and Technology Centre Detector Physics" (FTD) at the University of Bonn. Participation in new collaborative research projects is desired as well as a collaboration with the CRC 110 "Symmetries and the Emergence of Structure in QCD".

Teaching at the usual level for such a professorship is required.

The conditions of employment are according to § 36 Hochschulgesetz NRW.

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and has a dual career program. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the *Landesgleichstellungsgesetz* (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Applicants are invited to send the usual documents electronically (curriculum vitae, summary of research interests, list of publications, copies of all university certificates) by **July 1st, 2018** to the Chairperson of the Department of Physics and Astronomy: fachgruppe@physik-astro.uni-bonn.de.



The Department of Physics and Astronomy in the Faculty of Mathematics and Natural Sciences of the University of Bonn invites applications for a

Professorship (W2) for Experimental Physics Particle Physics

at the Physikalisches Institut.

Particle Physics is one of the three main research areas of the Department of Physics and Astronomy at the University of Bonn. The experimental particle physics groups are engaged in research at external accelerators with the experiments Belle/Belle II in Japan, ATLAS, ALICE and COMPASS at CERN, PANDA at FAIR as well as experiments at the university's own accelerator ELSA. The department wants to strengthen its research in experimental particle physics, in particular in the area of B-meson physics. Candidates should have experience in experiments with B mesons and be interested in making strong contributions to the research program of the Belle II experiment at the SuperKEKB B-factory in Japan. Possible areas of research at Belle II include precision measurements of fundamental parameters of the Standard Model, semileptonic and rare decays, CP violation, and indirect searches for new phenomena in B decays. An active participation in coordinated research activities would be very welcome.

Successful candidates should be able to teach experimental physics in its full breadth and have an outstanding track record in data analysis and development and construction of experiments at particle accelerators. The candidate is expected to contribute significantly to the new "Research and Technology Centre Detector Physics" (FTD) at the University of Bonn.

The conditions of employment are according to § 36 Hochschulgesetz NRW.

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and has a dual career program. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the *Landesgleichstellungsgesetz* (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Applicants are invited to send the usual documents electronically (curriculum vitae, summary of research interests, list of publications, copies of all university certificates) by **June 15th, 2018** to the Chairperson of the Department of Physics and Astronomy: fachgruppe@physik-astro.uni-bonn.de.