

RECRUITMENT

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STANFORD SYNCHROTRON RADIATION LIGHTSOURCE



Associate Staff Scientist, Accelerator Physics

Position Summary: The SPEAR3 storage ring is a third generation light source at SSRL, a division of SLAC National Accelerator Laboratory. The SSRL accelerator physics group invites applicants for an Associate Staff Scientist position. The primary tasks of the SSRL accelerator physics group include:

- SPEAR3 storage ring development and optimization.
- Develop novel accelerator operational modes.
- Injector development.
- Top-off injection.
- Diagnostic development.
- Application and simulation program development.
- Accelerator physics support with new photon beamlines.
- Insertion device modeling and control.
- Future development programs, including PEP-X.

The successful candidate will work in one or more of these areas in a collaborative group environment, participate in the experimental machine development program, and will publish critical analysis of storage ring performance and analysis of future machine upgrade scenarios.

Qualifications: A Ph.D. in accelerator physics or comparable experience. Demonstrated proficiency in the field of accelerator physics with preference for hands-on machine development, experience with particle beam optics and beam dynamics, demonstrated computer skills and experience with beam instrumentation. The candidate should be capable of developing and pursuing independent research.

The position is advertised as Associate Staff Scientist with an initial 3-year term, which could lead to a continuing appointment as a Staff Scientist. A more experienced candidate can contact me to discuss starting at the Staff Scientist level.

Apply online at:

<http://www-public.slac.stanford.edu/hr/jobs/jobdetail.asp?REQID=35051>

Contact: James Safraneck, safraneck@slac.stanford.edu



2575 Sand Hill Road, MS 69, Menlo Park, CA 94025-7015
SLAC is operated by Stanford University for the U.S. Department of Energy

Max Planck Institute for Physics

(Werner Heisenberg Institute)



The Max Planck Institute for Physics invites applications for a

Staff Position in Theoretical Physics

with major orientation towards particle physics phenomenology at colliders. Depending on qualification, the position can be permanent.

Salary and benefits are commensurate with the German public service pay scale (TVöD Bund). The Max Planck Society is an equal opportunity employer. One of its goals is to increase the percentage of women in positions where they are underrepresented. Women are especially encouraged to apply. The Max Planck Society is committed to employing more handicapped people. Applications of handicapped people are particularly welcome.

Information on the Institute can be found under <http://www.mpp.mpg.de>. Further information may be obtained from Prof. Wolfgang Hollik (hollik@mpp.mpg.de). Applicants should submit an application letter, a statement of research interests, a curriculum vitae, a list of publications, and arrange for three letters of support to arrive no later than September 30, 2009 at

Max-Planck-Institut für Physik
(Werner-Heisenberg-Institut)
c/o Ms. R. Jurgelcit
Föhringer Ring 6, D-80805 München
Germany



MAX-PLANCK-GESELLSCHAFT

Chamberlain Fellowship Lawrence Berkeley National Laboratory

The Lawrence Berkeley National Laboratory's Physics Division invites outstanding recent Ph.D. recipients to apply for the Owen Chamberlain Fellowship in experimental particle physics and cosmology. Students who expect to receive their Ph.D. degree by the spring of 2010 are also invited to apply.

The Chamberlain Fellow is appointed for three years, with a possible two year extension. The Chamberlain Fellow is given time to review the Division's research program, and participate in any aspect of it, subject to funding limitations. He/she may also pursue new initiatives within experimental particle physics or cosmology subject to approval by the division director. In addition to salary, the Chamberlain Fellow receives a \$5,000 annual research supplement.

Apply online at: <http://jobs.lbl.gov/LBNLCareers/details.asp?jid=23352&p=1> and follow the on-line instructions to complete the application process. In addition you must arrange to have at least three letters of reference and copies of your resume or CV, statement of research interests and publication list sent via email to: **Chamberlain-Fellow2009@lbl.gov** by October 17, 2009.

For information on the LBNL Physics Division's research program, please consult: <http://www-physics.lbl.gov>.

Berkeley Lab is an affirmative action/equal opportunity employer committed to the development of a diverse workforce.



The Enrico Fermi Institute – The University of Chicago Tenure-track faculty appointment in Theoretical High Energy Physics

The Physics Department and the Enrico Fermi Institute at the University of Chicago invite applications for a tenure-track faculty appointment in Theoretical High Energy Physics. We are encouraging applications from candidates with recognized accomplishments in areas such as: physics of the standard model and beyond; collider physics; and particle cosmology. The successful candidate must have a doctoral degree in physics or a related field, and is expected to establish an independent research program while effectively contributing to the Department's undergraduate and graduate teaching programs. The appointment is expected to be at the Assistant Professor level. Appointment at the level of Associate Professor or Full Professor is possible for exceptionally well qualified candidates.

Applicants must apply online at The University of Chicago academic jobs website <https://academiccareers.uchicago.edu>. Applicants must upload a curriculum vitae, a list of publications and a brief research statement. Applicants must also arrange for three recommendation letters to be uploaded electronically in pdf format (each up to 10 MB) to <http://enricofermi.uchicago.edu/phenom>. The letters should be addressed to: **Prof. Simon Swordy, Director, Enrico Fermi Institute, The University of Chicago, Chicago, IL 60637**. Enquiries should be addressed to Ms. Sandy Heinz at ccsheinz@uchicago.edu

Review of applications will start in the fall, 2009, and will continue until the position is filled. To ensure full consideration, all application materials (including recommendation letters) should be received no later than November 1, 2009.

The University of Chicago is an equal opportunity, affirmative action employer.



PARTICLE PHYSICS.

DESY, Hamburg location, is seeking: Physicist (m/f)

DESY

DESY is one of the world's leading centres for the investigation of the structure of matter. DESY develops, runs and uses accelerators and detectors for photon science and particle physics.

DESY takes part in the two LHC experiments ATLAS and CMS and in the preparation of the ILC. In future also preparatory work for detectors at SLHC will play a major role.

The position

- Preparation of SLHC and the ILC
- Detector development projects
- Active cooperation in different aspects of scientific management

Requirements

- PhD in particle physics
- Solid knowledge in experimental particle physics
- Several years of experience in project work with experiments in high energy physics or in research projects of accelerator physics

For further information please call Prof. Dr. Mnich, +49 40 8998-3023, joachim.mnich@desy.de.

DESY operates flexible work schemes. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women. There is an English-speaking Kindergarten on the DESY site.

Please send your application quoting the reference code, also by e-mail to:

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: 85/2009

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

e-mail: personal.abteilung@desy.de

Deadline for applications: 20 October 2009

www.desy.de

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www.helmholtz.de



ASSOCIATE DIRECTOR – THEORY CENTER

Thomas Jefferson National Accelerator Facility (Jefferson Laboratory) seeks a theorist with a strong international reputation to serve as Theory Center Director. The successful candidate will maintain his or her own active research program at Jefferson Laboratory and will be responsible for all aspects of the theoretical nuclear physics program of the laboratory, including relations with the nuclear physics field and community. The lab's theory group consists of five regular staff members and eight joint appointees at the faculty level, along with six to eight Jefferson Laboratory post-doctoral fellows and several joint appointees at the postdoctoral fellow and student levels. This staff is supplemented by a vigorous visitor program. The Director will lead and direct the work of the group, and provide supervision of the staff members and post-doctoral appointees. In developing the program, duties will include responsibility for the development and deployment of an annual budget. The Director also will be responsible for preparing an independent proposal, which typically covers a four year period. The Director also will participate in strategic planning and management related to the development of the laboratory's science program.

Jefferson Lab's mission is to probe the nucleus of the atom to learn more about the quark structure of matter. Funded by the U.S. Department of Energy's Office of Science, Jefferson Lab is in the forefront of science and technology, partnering with industry as well as researchers and scientific experts from around the world. The laboratory also partners with educational institutions and industry to educate the next generation in science and technology. Currently, Jefferson Lab is constructing a \$310 million upgrade to its research facilities. The laboratory is located in Newport News, Virginia (USA), a thriving community rich in cultural, economic, educational and recreational resources.

The successful candidate will possess a Ph.D. or equivalent, plus a deep knowledge of nuclear physics. The successful candidate also will provide a vision for the future of Jefferson Lab's theory group and its mission. He or she will have the ability to nurture the efforts of the whole group and to set a tone and direction that will ensure excellence on the world scale.

For more information and prompt consideration, visit our website at www.jlab.org/jobs. Confidential inquiries and questions concerning this search may be directed to Rhonda Barbosa, Human Resources Manager, Email: rbarbosa@jlab.org.

Proud to be an Equal Opportunity Employer



Research Associate Position in Theoretical Neutrino Interactions Physics

The Nuclear Theory Center and the Experimental Nuclear Physics Group at the Indiana University Cyclotron Facility is seeking to fill a postdoctoral research associate position in the area of neutrino-nucleus interactions and interpretation and modeling of neutrino interaction data. In particular, recent high-statistics results from MiniBooNE, SciBooNE, and Minos would be studied. The goal would be to provide additional insight into the underlying processes and to develop robust and complete models that may be used for next-generation neutrino oscillation experiments such as T2K, NOvA, and DUSEL long-baseline.

The experimental and theoretical nuclear physics groups have vibrant and active research programs addressing fundamental questions in nuclear and particle physics. Both of these efforts are headquartered within the Indiana University Cyclotron Facility (IUCF) and conduct active seminar and visitor programs. More information may be found at <http://www.iucf.indiana.edu> and <http://www.indiana.edu/~ntcpage/>

The duration of the position is for one year with possible renewal for up to three years. Applicants should send a curriculum vitae, publication list, a statement of research interests, and three letters of recommendation to

NTC/IUCF Postdoctoral Search,
Attn: Patricia S. Halstead, Nuclear Theory Center,
2401 Milo B. Sampson Lane, Bloomington, IN 47408

or by email to: ntcadmin@indiana.edu in a printable format such as Acrobat .pdf or MS Word.

For full consideration all applications should be completed by Oct 1, 2009.



**POST-DOCTORAL FELLOWSHIPS FOR NON ITALIAN CITIZENS
IN THE FOLLOWING RESEARCH AREAS**

**THEORETICAL PHYSICS (N. 15)
EXPERIMENTAL PHYSICS (N. 20)**

The INFN Fellowship Programme 2009/2010 offers 35 (thirty five) positions for non Italian citizens for research activity in theoretical (n. 15) or experimental physics (n. 20).

Fellowships are intended for young post-graduates who are under 35 years of age by **November 15, 2009**.

Each fellowship, initially, is granted for one year and then, may be extended for a second year.

The annual gross salary is EURO 28.000,00.

Round trip travel expenses from home country to the INFN Section or Laboratory will be reimbursed, also lunch tickets will be provided for working days.

Candidates should choose at least two of the following INFN sites, indicating their order of preference.

- INFN Laboratories: Laboratori Nazionali di Frascati (Roma), Laboratori Nazionali del Gran Sasso (L'Aquila), Laboratori Nazionali di Legnaro (Padova), Laboratori Nazionali del Sud (Catania);

- INFN Sections in the universities of: Bari, Bologna, Cagliari, Catania, Ferrara, Firenze, Genova, Lecce, Milano, Milano Bicocca, Napoli, Padova, Pavia, Perugia, Pisa, Roma La Sapienza, Roma Tor Vergata, Roma Tre, Torino, Trieste.

The research programs, must be focused on the research fields of the Section or Laboratory selected (<http://www.infn.it>).

Applications, in electronic form, must be sent to INFN no later than **November 15, 2009**.

To register, candidates must use the website
<http://www.ac.infn.it/personale/fellowships/>

The application form requires:

- statement of research interests;
- curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Theoretical fellowships must start from September to December 2010.
Requests for starting earlier accepted.

Experimental fellowships must start no later than April 2010. Requests to participate accepted.

ISTITUTO NAZIONALE DI FISICA NUCLEARE
IL PRESIDENTE
(Prof. Roberto Petronzio)

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in physics**



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www.brightrecruits.com

Accelerator | Photon Science | Particle Physics

Deutsches Elektronen-Synchrotron
A Research Centre of the Helmholtz Association



PARTICLE PHYSICS.

DESY has openings for: DESY-Fellowship (m/f)

DESY

DESY is one of the world's leading centres for the investigation of the structure of matter. DESY develops, runs and uses accelerators and detectors for photon science and particle physics.

The position

Fellows in experimental particle physics are invited to participate in DESY's particle physics research.

- Analysis of HERA data
- Participation in the LHC experiments ATLAS and CMS
- Preparations of the International Linear Collider ILC (accelerator and experiments)
- Phenomenology and Monte Carlo Development

Requirements

- Ph.D. completed within the last 4 years
- Application including a resume and the usual documents (curriculum vitae, list of publications and copies of university degree)
- Three letters of reference shall be arranged to be sent to the DESY Human Resources Department

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

DESY operates flexible work schemes. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women. There is an English-speaking Kindergarten on the DESY site.

Please send your application quoting the reference code, also by e-mail to:

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: 87/2009

Notkestraße 85 | 22607 Hamburg | Germany

Phone: +49 40 8998-3392 | E-mail: personal.abteilung@desy.de

Deadline for applications: 30 September 2009

www.desy.de

The Helmholtz Association is Germany's
largest scientific organisation.
www.helmholtz.de



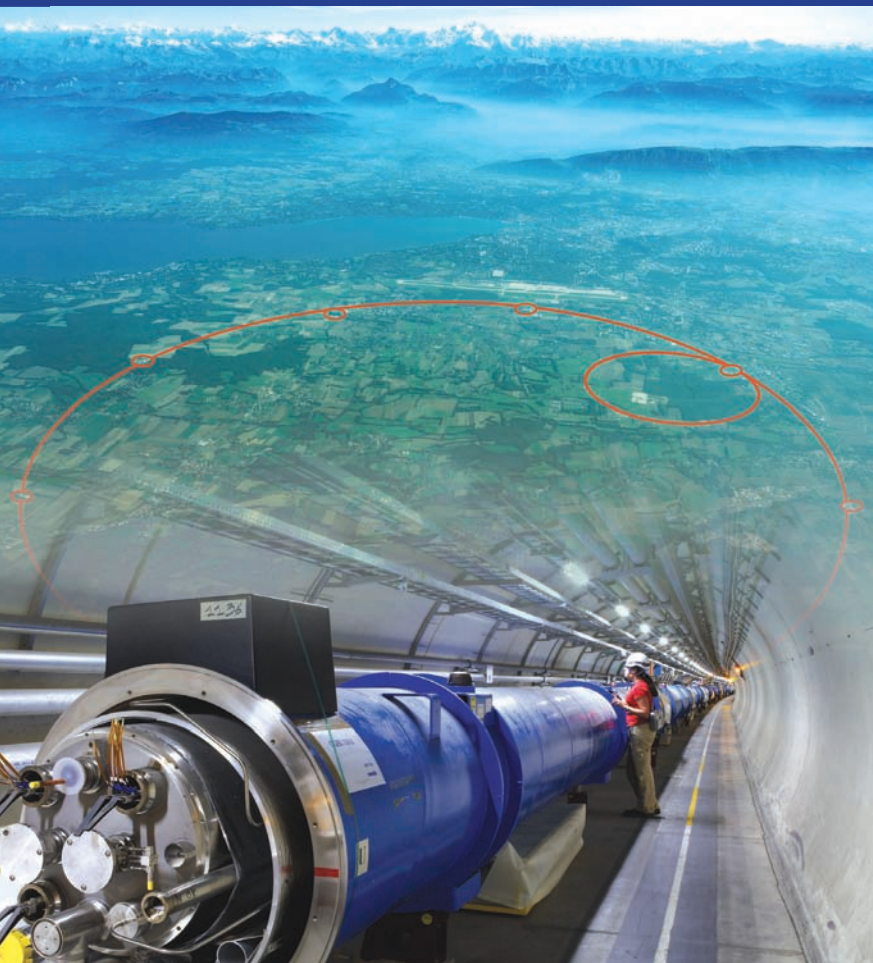
ATLAS post-doctoral research position at the Niels Bohr Institute, Copenhagen University

The Experimental High Energy Particle Physics group at Niels Bohr Institute, Copenhagen University (<http://hep.nbi.dk/wiki>) invites applications for a post-doctoral research position in the ATLAS experiment, starting November 1st 2009.

The successful applicant will participate in the exciting task of analyzing the first data from the LHC at CERN. The post-doc position is for two years, with possibility of extension. The annual pensionable and taxable salary is approx. 500.000 DKK.

The successful applicant must have completed a PhD degree in particle physics and be interested in joining the tau physics activities in our group and, at wish, teaching and supervision of students.

Applications (details of which can be found on our listing at <http://cerncourier.com/cws/job/J000004298>) should be sent by e-mail only to Dr. Stefania Xella, xella@nbi.dk, until September 21, 2009.



CERN is at the forefront of technologies in many fields, and there are opportunities for both working and learning at CERN, including student and graduate programmes, as well as vacancies in many fields.

• Student Programmes

Opportunities in physics, engineering and computing

How about spending a paid training period in an exciting multidisciplinary and multicultural environment together with leading scientists from all over the world? Various possibilities are offered to students from the CERN Member States to come and join the world's leading particle physics laboratory.

• Fellowship Programme

Particle physics research and a broad range of applied science, computing and engineering opportunities

Boost your career and contribute your ideas to the Organization! Have you recently graduated from university or an advanced technical institute? Are you interested

in working for one or two years in an international environment at the forefront of research? There are currently over 300 Fellows working throughout CERN.

• Staff Employment

Opportunities ranging through the phases of R&D, administration, design, production, operation and maintenance

Are you qualified in computer science, electronics, physics, electricity, radio frequency, cryogenics, ultrahigh vacuum, radiation protection, cooling and ventilation, operation of accelerators or superconductivity? CERN recruits around 100 engineers, technicians and applied physicists each year. We also seek administrative staff in finance, personal management, law, purchasing and accounting.

More info on www.cern.ch/jobs



European Organization for Nuclear Research | Organisation européenne pour la recherche nucléaire