

RECRUITMENT

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Accelerator | Photon Science | Particle Physics

Deutsches Elektronen-Synchrotron
A Research Centre of the Helmholtz Association

PHOTO INJECTOR.

**DESY, Zeuthen location, is seeking:
Postdoc (m/f)**

Code: 1/2009

The position

- Work in an international team of physicists and engineers developing RF photo injectors for high brightness beam applications
- Responsibility for subprojects concerning development and commissioning of new diagnostics systems as well as for characterizing and further development of high brilliance electron sources
- Temporary participation in the shift operation of the PITZ facility

Requirements

- Ph.D. in physics or engineering
- Knowledge or experience in one or several of the following fields is desired: accelerator physics, high energy physics, laser physics, hardware development for accelerator and diagnostics components, beam dynamics, software for data acquisition systems
- Good English language skills are required, some German is of advantage

The position is limited to 2 years with a possible extension by another year.

PHOTO INJECTOR.

**DESY, Zeuthen location, is seeking:
Ph.D. student (m/f)**

Code: 2/2009

The position

- Work on in one of our recent Ph.D. topics, like characterization of the electron beam in the longitudinal or transverse phase space using available diagnostics systems as well as participating in the development of new diagnostics components
- Work in an international team of physicists and engineers developing RF photo injectors for high brightness beam applications
- Temporary participation in the shift operation of the PITZ facility

Requirements

- A recent university degree in physics: M.Sc. or German diploma (candidates about to obtain such a degree are welcome to apply)
- High motivation and interest to work experimentally in an international environment as well as good communication skills
- Good English language skills are required, some German is of advantage

The position is limited to 2 years with the possibility of extension.

For further information you may also contact Dr. Stephan
(+49 33762 7-7338 or frank.stephan@desy.de).

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

Deutsches Elektronen-Synchrotron DESY

Human Resources Department

Notkestraße 85 | 22607 Hamburg | Germany

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

Deadline for applications: 2 March 2009

www.desy.de

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 operation of Free-Electron Lasers like FLASH and the European XFEL requires electron sources with excellent beam quality. For the development of such electron guns a test facility for RF photo injectors, PITZ, is operated and extended at Zeuthen (near Berlin).

Salary and benefits are commensurate with those of public service organizations in Germany. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women.

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



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Forschungszentrum Karlsruhe, a member of the Helmholtz Association of German Research Centres, is one of the largest science and engineering research institutions in Europe. Forschungszentrum Karlsruhe and Universität Karlsruhe (TH) are currently joining forces under the roof of the **Karlsruhe Institute of Technology, KIT**, which represents a new kind of interaction between research, education and innovation.

Within KIT, the University Computing Centre and the Institute for Scientific Computing of the Forschungszentrum were merged to form the new Steinbuch Centre for Computing, SCC (www.kit.edu/scc), which is one of the first joint institutes of KIT.

SCC is one of the leading German computing centres in the fields of High Performance Computing and Grid Computing.

KIT invites applications for the position of

Technical-Scientific Director (W3) as a member of the SCC Board of Directors

who will be in charge of all SCC operational matters. A large and motivated team will assist her/him.

SCC provides high quality IT Services for 8,000 employees as well as for 18,500 students of KIT. Highest bandwidth networks, high performance computing based on various architectures, large-volume compute and storage resources, high-level desktop services etc. are permanently required by all KIT users as well as by our partners in national and international SCC and KIT projects. Modern methods of Service Management are applied for the continuous optimisation of the services.

Candidates are expected to possess proven management skills and the ability to lead a large scientific research and service institute. The position also requires economic and business thinking.

If applicants are equivalently qualified, handicapped candidates will be selected preferentially.

Applications including CV, references and publication list should be sent to

Prof. Dr.-Ing. Detlef Löhe, Member of the Executive Board
Forschungszentrum Karlsruhe GmbH, P.O. Box 3640, 76021 Karlsruhe, Germany
and also by email to detlef.loeh@vorstand.fzk.de, by **February 06, 2009**.

POSTDOCTORAL POSITIONS IN PARTICLE ASTROPHYSICS GAMMA-RAY ASTRONOMY AND DARK MATTER DETECTION

University of California, Los Angeles

We invite applications for postdoctoral research positions at the University of California Los Angeles (UCLA) in the areas of gamma-ray astronomy and dark matter detection.

We are seeking a talented individual to carry out research with VERITAS - a major ground-based gamma-ray observatory located in southern Arizona and sensitive to photons with energies between 50 GeV and 50 TeV. See <http://www.astro.ucla.edu/~veritas/> for more details. There is also the possibility to analyze data from the Large Area Telescope (LAT) of the recently launched Fermi Gamma-ray Space Telescope. We encourage candidates with an instrumental/observational background in astronomy or an experimental background in particle/nuclear physics to apply.

We also seek a talented researcher to participate in the development of the GAPS experiment - a novel balloon-borne instrument sensitive to low-energy anti-deuterons that could signal the annihilation of neutralino dark matter. See <http://gamma1.astro.ucla.edu/gaps/index.html> for more details. We encourage candidates with experimental backgrounds in particle/nuclear physics or astrophysics to apply.

A Ph.D., or equivalent degree, in physics or astronomy is required. Applicants should send a CV, a statement of research interests and arrange for at least three letters of recommendation to be sent to:



Professor Rene Ong
Department of Physics and Astronomy
University of California
Los Angeles, CA 90095-1547

Deadline for receipt of applications is March 1, 2009.
Applications will be accepted until the positions are filled.



Research with Photons and Neutrons

Established in January 2009, the Helmholtz-Zentrum Berlin für Materialien und Energie GmbH (HZB) merged two of Berlin's largest research institutes, the Hahn-Meitner-Institut and BESSY into one centre.

The two large scale facilities of the Helmholtz-Zentrum Berlin, the neutron source BER II and the synchrotron radiation source BESSY II, serve more than 2,000 scientists from universities, research institutes and industry. The complementary research with photons and neutrons places the HZB in a unique position to address the needs of the international scientific community in physics, chemistry, and materials and life sciences. The HZB intends to further the combined research with photons and neutrons.

The centres' own research activities are largely concentrated in materials research with a focus on:

- Solar Energy
- Magnetic Materials
- Micro- and nanostructured Materials
- Functional Materials

Applying outstanding highly sophisticated analytical tools for investigating materials, solar cells and solar modules, the HZB offers great competences in the field of Solar Energy. A joint initiative, PVcomB, aims to accelerate industrial application of thin-film photovoltaics by efficient technology transfer, based on a comprehensive network of fundamental know-how partners from science, industry and education.

Join us

The new Helmholtz-Zentrum Berlin offers outstanding opportunities for scientists, post-docs and Ph.D. students to tackle scientific problems at the forefront of research in an inspiring environment.

The centre has approximately 1,100 employees. Its two sites are integrated in the unique scientific infrastructure that the Berlin area has to offer, including four universities and numerous research institutes and research driven enterprises.

Two partners became one: The former Hahn-Meitner-Institut (left) and BESSY (right) are now the Helmholtz-Zentrum Berlin für Materialien und Energie.



Divisional Fellow in Experimental High Energy Nuclear Physics

The Nuclear Science Division at Lawrence Berkeley National Laboratory is seeking a Scientist with outstanding promise and creative ability in the field of experimental high energy nuclear physics. The appointment will be as Divisional Fellow for a term of five years with the expectation of promotion to Senior Scientist following successful review.

The successful candidate will have several years of experience beyond the PhD in nuclear or particle physics and will assume a leading role in the Relativistic Nuclear Collisions (RNC) Program at LBNL, with special emphasis on developing new directions. LBNL is a partner of the Helmholtz Alliance "Cosmic Matter in the Laboratory." The position will be associated with and the research will be carried out in the framework of the Extreme Matter Institute of this Helmholtz Alliance.

The RNC Program has major roles in both the STAR experiment at RHIC and the ALICE experiment at the LHC. RNC Scientists are responsible for the development of a silicon pixel detector for STAR and have major responsibilities for a large solid angle electromagnetic calorimeter for ALICE. The Nuclear Science Division also has activities in nuclear structure, nuclear astrophysics, and neutrino physics. LBNL pursues research in a wide range of scientific fields, and has major strengths in computing and engineering.

Applicants are requested to submit in a single attachment a curriculum vitae, publication list, statement of research interest, and the names of at least five references, on-line at <http://cjo.lbl.gov/LBNLCareers/details.asp?jid=22550&p=1> and by e-mail to Dr. Hans-Georg Ritter at hgritter@lbl.gov.

This position will be open until filled. We will begin considering candidates **April 1, 2009**. Please reference **Job# 22550**.

LBNL is an equal opportunity employer committed to the development of a diverse workforce.





ISIS is the world's leading operational source of pulsed neutrons and muons, and supports a large international community of scientists. The source is driven by a 70 MeV H^- linac and an 800 MeV proton synchrotron. Versatile electronic or electrical engineers and technicians are required to work on the ISIS RF systems, which include beam accelerating cavities and their high power thermionic vacuum tube driver amplifiers, low power RF systems and electronic control systems, as part of the RF engineering teams within the Linac and Synchrotron Groups.

The ISIS Accelerator Division based at the Rutherford Appleton Laboratory (RAL) in Oxfordshire is currently looking to fill the following positions:

RF Electronic/Electrical Engineer/Technician – 2 posts (FBU232)

Salary is in the range £20,684 to £28,986 per annum dependent on skills and ability

The post-holders will be expected to undertake the following duties:

- To provide RF electronic/electrical engineering support where required such that ISIS down-time is minimised.
- To carry out fault diagnosis/maintenance/repair for Linac or Synchrotron RF systems and peripheral equipment.
- To produce fully functional, high quality prototype units ready for production.
- To assist with day-to-day operation of the ISIS accelerators.
- To provide electronic and RF testing and commissioning expertise and to commission and run specialised test rigs.
- To organise spares inventories and procure bought-in apparatus.
- To document RF systems as required.

RF Electronic/Electrical Design Engineer (FBU233)

Salary is in the range £26,088 to £36,798 per annum dependent on skills and ability

The post-holder will report to the Linac RF Section Leader and will be expected to undertake the following duties:

- To design, develop and commission new/replacement RF electronic equipment so as to improve linac reliability in order to allow ISIS to meet its commitments.
- To organise the manufacture, installation and commissioning of electronic and RF apparatus.
- To provide RF electronic/electrical engineering support where required such that ISIS down-time is minimised.
- To carry out fault diagnosis/maintenance/repair for linac/RFQ RF systems and peripheral equipment.
- To assist with day-to-day operation of the linac.
- To advise Linac RF Section team members on design issues
- To provide electronic/RF design expertise and application advice to the Linac Group.
- To document RF systems as required.

Knowledge and experience

Candidates are expected either to have ONC/HNC level qualifications in a relevant discipline or to have achieved an equivalent level of knowledge through practical experience, although relevant university degrees would be desirable. Experience of high voltage, high power RF systems, control systems, gridded vacuum tubes, CAD, PCB design and large-scale facility operational environments would be an advantage. Successful applicants must have a hands-on approach to the job and a "can do" attitude.

In the interests of keeping ISIS fully operational, willingness to resolve faults and problems on the RF systems during silent hours would be a distinct advantage for all of the posts.

An excellent index linked pension scheme and generous leave allowance are also offered.

For further information and how to apply: please visit www.scitech.ac.uk, telephone 01235 446677 or e-mail recruitment-FBU@rl.ac.uk quoting the relevant reference number.

Closing date for applications is 6th February 2009.

Interviews will be held during the week commencing 2nd March 2009.

STFC is an equal opportunity employer and promotes diversity in its workforce. We are particularly keen to consider applications from groups currently underrepresented in the workforce and we are positive about disability.



The European XFEL will make available X-rays of unique quality for studies in physics, chemistry, life sciences, materials research and others. Located in Hamburg and Schleswig-Holstein, Germany, it will comprise scientific instruments for a wide range of experimental techniques. Construction of the European XFEL is underway, its commissioning is scheduled for 2014. The European XFEL is an international project with the participation of 14 countries. In spring 2009, the project will assume its legal form as a not-for-profit company with limited liability: the European XFEL GmbH. We are looking for a

Coordinator novel detector development (f/m)

The position

- coordination of detector development programs and evaluation of new detector developments for the scientific program of the European XFEL
- organization and coordination of the implementation of newly developed or otherwise available state-of-the-art detectors into the experimental stations
- participation in the definition of the requirements to the experiment control systems (DAQ)
- consultation with the application scientists as to their choices for and needs of detector systems and help with the corresponding setup and integration tasks
- building-up the support group "Detector Systems" for detector support and implementation within the European XFEL organization both for the construction and the operations phase of the facility

Requirements

- PhD in physics or engineering and experience with the development of advanced detector- and associated electronics technology
- ideally you have a background in x-ray research and applications
- good communication skills and ability to work in an international team of physicists and engineers
- experience with multi-disciplinary and industrial partners is an advantage
- you are encouraged to get actively involved in one of the science areas of the XFEL program

For additional information contact Andreas.Schwarz@xfel.eu

■ Reference number: S-011

Please apply via e-mail: recruitment@xfel.eu

■ Duration: unlimited

Salary and benefits are similar to those of public service organizations in Germany. Handicapped persons will be given preference to other equally qualified applicants. The European XFEL company will be an equal opportunity and affirmative action employer. – English is working language, some knowledge in German and a further language represented among the participating countries would be welcome. – The European XFEL project intends to achieve a widely international staff. Non-German candidates hired from abroad receive an international allowance.

■ ■ ■ Deadline for application: 28 February 2009

European XFEL Project Team
c/o DESY, 22603 Hamburg, Germany

www.xfel.eu

The European XFEL will make available X-rays of unique quality for studies in physics, chemistry, life sciences, materials research and others. Located in Hamburg and Schleswig-Holstein, Germany, it will comprise scientific instruments for a wide range of experimental techniques. Construction of the European XFEL is underway, its commissioning is scheduled for 2014. The European XFEL is an international project with the participation of 14 countries. In spring 2009, the project will assume its legal form as a not-for-profit company with limited liability: the European XFEL GmbH. We are looking for a

DAQ hardware and software developer (f/m)

The position

- participation in establishing the requirements for XFEL DAQ readout and control for new systems
- organizing and coordinating the design and development of embedded detector readout and control for these systems
- selection of the hardware and software solutions required
- participating in the control software development of the systems and debugging prototype and production systems
- coordinating interface work required when installing systems into the overall XFEL DAQ
- participation in the long term support of systems developed
- participating in hardware and software development and support for systems which are already in design and prototyping
- interaction with DAQ system users

Requirements

- you are familiar with embedded hardware solutions in a challenging scientific environment
- you are familiar with developing and implementing control system software
- you have a degree in computer physics or the physical sciences and you have a record of good communication and management skills

For additional information contact Andreas.Schwarz@xfel.eu

■ Reference number: S-012

Please apply via e-mail: recruitment@xfel.eu

■ Duration: Minimum initial term 3 years. Depending on qualification, unlimited contract possible.

Salary and benefits are similar to those of public service organizations in Germany. Handicapped persons will be given preference to other equally qualified applicants. The European XFEL company will be an equal opportunity and affirmative action employer. – English is working language, some knowledge in German and a further language represented among the participating countries would be welcome. – The European XFEL project intends to achieve a widely international staff. Non-German candidates hired from abroad receive an international allowance.

■ ■ ■ Deadline for application: 28 February 2009

European XFEL Project Team
c/o DESY, 22603 Hamburg, Germany

www.xfel.eu

CERN COURIER March Issue

Booking Deadline Friday 6 February; **Copy Deadline** Monday 9 February; **Distribution** Thursday 19 February

To book or for further information, contact Moo Ali

Tel +44 (0)117 930 1264, e-mail moo.ali@iop.org.

Why does a leading Quant Fund want to recruit leading scientists in 2009?

You're searching for the elusive building blocks of the universe. We're searching for elusive alpha in global financial markets. We should talk.

Who Are We?

OXFORD ASSET MANAGEMENT is an investment management company situated in the centre of Oxford. Founded in 1996, we're proud of having generated positive returns for our investors each year, including 2008, especially as many assets are managed for pensions, charities and endowments. We blend the intellectual rigour of a leading research group with advanced technical implementation. We like to maintain a low profile and avoid publicity. Nobody comes to work in a suit and we are a sociable company, enjoying an annual ski-trip away together.

What Do We Do?

We use quantitative computer-based models to predict price changes in liquid financial instruments. Our models are based on analyzing as much data as we can gather and we actively trade in markets around the world. As these markets become more efficient, partly because of organizations like ours, we must have new insights and develop improved models in order to remain competitive. Working to understand and profit from these markets provides many interesting mathematical and technical challenges, especially as markets become increasingly electronic and automated. We enjoy tackling difficult problems, and strive to find better solutions.

Who Do We Want?

Although most of us have advanced degrees in mathematics, computer science, physics or econometrics from the world's leading universities and departments, we are just as interested in raw talent and will consider all outstanding graduate applicants. We expect all prospective candidates to work efficiently both in a team environment and individually. We value mental flexibility, innovative thinking and the ability to work in a collaborative atmosphere. No prior experience in the financial industry is necessary. We want to hear from you if you are ambitious and would relish the challenge, opportunity and excellent compensation offered.

Software Engineers

We are seeking outstanding software engineers to develop and maintain system critical software running in a 24-hour production environment. You will be responsible for all aspects of software development on a diverse range of projects, such as automating trading strategies, integrating third party data into our system and the development of data analysis tools. You will have the following:

- A high quality degree in computer science or related discipline
- C++ experience that demonstrates your ability to work efficiently in a fast paced environment
- Extensive knowledge of the development life cycle, from prototyping and coding through to testing, documentation, live deployment and maintenance

Desirable experience includes Linux, scripting, working with large numerical data sets, and large scale systems.

Quantitative Researchers & Modellers

We are seeking outstanding researchers to build quantitative models of financial markets within our research and development team. You will be responsible for projects from the initial idea-generation stage through to implementation and execution. You will undertake research using large and often complex data sets, employing different computer programming languages (mostly C++) and our in-house development library infrastructure.

You will have experience in some of the following areas: numerical analysis, optimisation, signal processing, statistics (including robust techniques), stochastic processes, time series analysis, volatility / GARCH modelling.

How to apply

Please email or post CV with covering letter to:

Address

Dr Steven Kurlander,
Oxford Asset Management,
13-14 Broad Street,
Oxford OX1 3BP
United Kingdom

Email cern2009@applytooxam.com

Telephone +44 1865 248 248

Closing Date

Ongoing

Start Date

Spring 09 – ongoing

Benefits

Health Insurance (including family),
Pension Scheme,
Life Insurance.

OXFORD
ASSET MANAGEMENT

Foundation for Fundamental Research on Matter

The Foundation for Fundamental Research on Matter (FOM) promotes, co-ordinates and finances fundamental research of international standard/calibre in The Netherlands. It is an autonomous foundation responsible to the physics division of the national research council NWO. FOM employs about 900 people, primarily scientists (including PhD students) and technicians, who work at FOM research institutes and research groups at universities. FOM is chiefly financed by the NWO (Netherlands Organisation for Scientific Research) Governing Board and NWO Physics and can be considered as the Physics Division of NWO. In addition to the government funds of NWO, FOM acquires financial means from the European Union and through collaboration with the industry and universities. For additional information see www.fom.nl.



Nikhef is the national institute for subatomic physics in the Netherlands based in Amsterdam. It is a collaboration between four universities and the funding agency FOM and has about 250 employees including about 120 physicists. The institute co-ordinates and supports major Dutch activities in experimental and theoretical subatomic physics, among them the ATLAS, LHCb and ALICE experiments at the Large Hadron Collider at CERN. In addition it supports activities in the astroparticle physics experiments ANTARES, KM3NeT, Pierre Auger Observatory and Virgo.

In the framework of its activities in the astroparticle physics projects Nikhef is searching for

tenured staff scientists

to participate in the:

1. ANTARES/KM3NeT neutrino telescope (3 positions / vacancy number 080875/1);
2. Pierre Auger cosmic-ray observatory (1 position / vacancy number 080875/2); and
3. Virgo gravitational wave antenna (1 position / vacancy number 080875/3).

One of the positions in neutrino astroparticle physics will be at the University of Amsterdam and involves teaching physics at university level and requires fluency in the English language.

Requirements

The applicant must have a PhD and an excellent research and publication record in experimental astroparticle or particle physics. Applicants are judged on creativity, ability to establish an active and independent research line and ability to supervise PhD students.

Information

General information can be obtained from the chairman of the selection committee, Prof. Dr. Stan Bentvelsen, phone +31 20 5975140 or by email stanb@nikhef.nl. Job interviews are foreseen in March/April 2009.

Applications

Candidates are invited to send their application, including curriculum vitae, list of publications, as well as three letters of reference before March 1st, 2009 to Nikhef, att. Mr. T. van Egdom, P.O. Box 41882, NL-1009 DB Amsterdam, or by email to pz@nikhef.nl. Please quote the vacancy number.

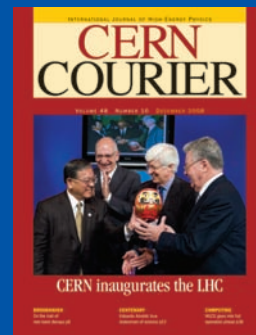
FOM and the University of Amsterdam are equal opportunities employers. All qualified individuals are encouraged to apply.



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Career Track Staff Scientist in Experimental High Energy Nuclear Physics

The Nuclear Science Division at Lawrence Berkeley National Laboratory is seeking a Scientist with outstanding promise and creative ability in the field of experimental high energy nuclear physics. The appointment will be as Staff Scientist for a term of five years with the expectation of promotion to Career Staff Scientist following successful review.

The successful candidate will have several years of experience beyond the PhD in nuclear or particle physics and will assume a leading role in the ALICE group of the Relativistic Nuclear Collisions (RNC) program at LBNL. The ALICE group has major responsibilities for a large Electromagnetic Calorimeter being built for the ALICE experiment, at the Large Hadron Collider at CERN. The successful candidate will initially be based at CERN, with responsibilities for both technical and scientific aspects of the Calorimeter project.

The RNC Program has major roles in both the STAR experiment at RHIC and the ALICE experiment at the LHC. The Nuclear Science Division also has activities in nuclear structure, nuclear astrophysics, and neutrino physics. LBNL pursues research in a wide range of scientific fields, and has major strengths in computing and engineering.

Applicants are requested to submit in a single attachment a curriculum vitae, publication list, statement of research interest, and the names of at least five references, on-line at <http://cjo.lbl.gov/LBNLCareers/details.asp?jid=22551&p=1> and by e-mail to Dr. Peter Jacobs at pmjacobs@lbl.gov.

This position will be open until filled. We will begin considering candidates **April 1, 2009**. Please reference **Job# 22551**.

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DEPUTY ASSOCIATE DIRECTOR – ACCELERATOR DIVISION

Find your opportunity where technology, discovery, and education come together!

Thomas Jefferson National Accelerator Facility (Jefferson Lab) in Newport News, Virginia, USA, is an internationally recognized laboratory engaged in fundamental scientific research in nuclear and particle physics based on the Continuous Electron Beam Accelerator Facility (CEBAF), currently operating at 6 GeV. CEBAF has an approved, funded upgrade to 12 GeV, which is now in the construction phase with completion expected in 2014. In addition to operating CEBAF, the laboratory also operates a Free Electron Laser (FEL) facility. As a result of its core strength and competency in RF superconductivity, the laboratory is a major partner in many national and international projects such as the SNS, FRIB, ILC and Project X. The laboratory is operated for the US Department of Energy by Jefferson Science Associates (JSA).

In order to further enhance its core competencies in the physics and technology of accelerators, lasers, particle beams, and synchrotron radiation, Jefferson Lab is currently seeking qualified candidates for the position of Deputy Associate Director, Accelerator Division. The Deputy Associate Director is responsible for a significant fraction of the Division and reports to the Associate Director, Accelerator Division. The position could lead to a senior laboratory management role at Jefferson Lab as part of the laboratory's succession planning.

The Accelerator Division is responsible for the day-to-day operation of the CEBAF accelerator, and provides technical supervision and guidance of all technical personnel from Operations and other departments in the Accelerator and Engineering Divisions engaged in the performance and operations of the accelerator systems. The Accelerator Division responsibilities also include preparations for the commissioning and operation of the 12 GeV Upgrade. Design work has started on an electron-ion collider which could be the next nuclear physics facility at Jefferson Lab, and this is expected to continue. In addition, the Accelerator Division has a vibrant R&D portfolio based on its core competencies of SRF, cryogenics, electron guns and accelerator physics. The principal focus of the R&D is on high current, CW, multi-pass superconducting linacs, making Jefferson Lab a collaborator of choice for DOE Office of Science projects based on SRF technology. In collaboration with the FEL Division, this expertise is expected to be directed towards the development of a fourth-generation light source based on a superconducting CW electron linac.

The successful candidate will have a PhD and 15 years relevant experience or the equivalent of education and experience in Accelerator Physics or related field, and a demonstrated track record of technical management of significant projects in accelerator design, construction, commissioning and/or operation. The candidate should possess excellent communication and leadership skills and demonstrate good judgment. The candidates should have a functional knowledge of beam dynamics in accelerators and of all the accelerator systems, including RF, magnets and power supplies, beam diagnostics, control systems, etc. Knowledge of superconducting cavities or cryogenics would be a plus, but is not a requirement.

Use your education and experience to join a unique, world-renowned facility!

For more information and prompt consideration, visit our website at www.jlab.org/jobs.

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