

Recruitment

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The Argonne Named Fellowship Program

Argonne National Laboratory is accepting applications for the 2015 Named Fellowship. Argonne awards these special fellowships internationally on an annual basis to outstanding doctoral-level scientists and engineers who are at early points in promising careers. The fellowships are named after scientific and technical luminaries who have been associated with Argonne and its predecessors, and the University of Chicago, since the 1940's.

Candidates for these fellowships must display superb ability in scientific or engineering research, and must show definite promise of becoming outstanding leaders in the research they pursue. Fellowships are awarded annually and may be renewed up to three years. The 2014 fellowship carries a highly competitive salary with an additional allocation research support and travel. The deadline for submission of application materials is October 7, 2014.

Applicants should identify an Argonne staff member to sponsor the nomination. The sponsor could be someone who is already familiar with your research work and accomplishments through previous collaborations or professional societies. If you have not yet identified an Argonne sponsor, visit the detailed websites of the various research efforts at www.anl.gov/science.

Applications must be submitted online through: <http://www.anl.gov/careers/apply-job>. Correspondence and supporting letters of recommendation should be submitted to Named-Postdoc@anl.gov.

For more information visit the Argonne Postdoc Blog at <https://blogs.anl.gov/postdoc/> or by contacting the Postdoctoral Program Coordinator, Kristene Henne at khenne@anl.gov.

Argonne is an equal opportunity employer and we value diversity in our workforce. Argonne is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC.



Post-Doctoral Position High Energy Neutrino Physics Indiana University

The High Energy Neutrino and Particle Astrophysics group at Indiana University is seeking applicants for a post-doctoral position. Our group plays a leading role within both the NOvA and LBNE experiments, and is engaged in generic R&D efforts on large liquid argon time projection chambers for use by future experiments such as LBNE. The successful applicant will be expected to contribute to these efforts.

The position is available for a near term start date. The successful candidate will have a Ph.D in physics. We will review applications beginning August 1 and will continue to accept applications until the position is filled. The appointment will initially be for one year, with the possibility of extension for up to an additional two years.

Applications, including a curriculum vita and three letters of reference, should be submitted through the application portal located at <http://indiana.peopleadmin.com/postings/902>. Questions regarding the position or application process can be directed to Professor Jim Musser Indiana University Physics 727 E. 3rd St. Swain West 117 Bloomington, IN 47405, 812-855-1247 or jmusser@indiana.edu.

For more information about the group please see <http://physics.indiana.edu/~heap>.

Indiana University is an Equal Opportunity/Affirmative Action Employer, and encourages applications from women and members of minority groups.

PhD Scholarships in Portugal

The MAP-fis Physics Doctoral Program, a joint initiative of three major Portuguese Universities, Minho, Aveiro and Porto, is announcing 8 first year PhD scholarships for the 2014-2015 edition. Recognized as program of excellence by Portugal's National Science Foundation (FCT), MAP-fis joins three Physics Departments and 6 research centers. Fellowships include a monthly stipend and tuition fees.

MAP-fis constitutes a unified effort to prepare highly qualified human resources in Physics and an effort to strengthen research in this area in these universities. It is supported by an academic staff of about **130 faculty members**, and a total of **280 PhD researchers** working in **6 Research Centers**.

These centers have impressive state-of-the-art computing and laboratory facilities occupying 7000 m²; In the 2008-13 period, they ran projects in the amount of **19 M€**, of which **7.6 M€** from international sources.



MAP-fis welcomes collaborations with other institutions and has already awarded several joint PhD's with foreign Universities. It covers all areas of Physics, both fundamental and applied, in particular:

- Atomic and Molecular Physics;
- Condensed Matter, Materials and Nanotechnology;
- Theoretical Physics (High energy, Gravitation and Cosmology);
- Optics, Lasers and Photonics;
- Computational Physics;
- Meteorology and Oceanography.

For more information, and to apply, see the MAP-fis site <http://www.map.edu.pt/fis/>

Applications are opened until September 15, 2014.



DIRECTOR, HIGH ENERGY PHYSICS DIVISION ARGONNE NATIONAL LABORATORY

Argonne National Laboratory invites applications for the position of Director of the High Energy Physics Division (HEP). The spectrum of research in the Division includes HEP and cosmology theory, and covers the three experimental frontiers: Energy, Intensity and Cosmic. The Division also manages programs in Sensor & Detector Development and Advanced Accelerator R&D, and maintains electronics and mechanical support groups. The Division includes one of the US-ATLAS Analysis Support Centers, the Argonne Wakefield Accelerator (AWA) and the Center for Development and Fabrication of Quantum Devices. The last is operated jointly with the University of Chicago. The Division is funded mainly from DOE HEP. Strong collaborations and connections exist with other Divisions within Argonne and bring expertise to HEP as well as providing HEP expertise to other disciplines. Examples include connections to Materials Science and High Performance Computing.

The Division Director will be expected to work with HEP scientific and management staff to: (1) enhance the strengths and visibility of existing staff and research programs; (2) identify new research directions that are strategically aligned with DOE's missions; (3) strengthen and expand connections with other scientific disciplines at Argonne and beyond; (4) recruit, hire, and retain world-class researchers; (5) interface with programmatic sponsors at DOE; and (6) foster and maintain high standards in Environmental, Safety, and Health and quality assurance for all of the Division's activities.

The successful candidate should have a Ph.D., an internationally recognized research stature, and 10+ years of scientific leadership in the field of particle physics. For a description of Divisional programs, please visit HEP's Home Page at <http://www.hep.anl.gov>.

Argonne offers an excellent compensation and benefits package. For full consideration, please apply by September 30, 2014 at www.anl.gov/careers to **Requisition 322438**. Interested candidates should include curriculum vitae, list of publications, awards, patents, and a salary history as well as arrange for at least 4 professional references to be sent by email to pse-ald@anl.gov.

Argonne National Laboratory is a multi-program laboratory managed by UChicago Argonne, LLC for the U.S. Department of Energy's Office of Science. We are an equal opportunity employer and value diversity in our workforce. Argonne's site is located about 25 miles southwest of Chicago on a beautiful 1500 acre campus. For additional information, please refer to Argonne's Home Page at <http://www.anl.gov>.



INSTITUT DE FÍSICA D'ALTES ENERGIES

Consorci de la Generalitat de Catalunya
i de la Universitat Autònoma de Barcelona

CALL FOR APPLICATIONS: DIRECTOR OF IFAE

The Institute of High Energy Physics (IFAE), www.ifae.es/eng is a consortium of the Universitat Autònoma de Barcelona and the Generalitat de Catalunya. IFAE is part of the Catalan public network of research Institutes, CERCA (www.cerca.cat).

IFAE conducts experimental and theoretical research at the frontier of fundamental physics, namely in Particle Physics, Astrophysics and Cosmology. IFAE also works at the cutting edge of detector technology, applying its know-how to Medical Imaging and other applied research fields. It maintains a fruitful collaboration with its spinoff company, X-Ray Imatek.

In 2012, IFAE was granted the Severo Ochoa award, given by the Spanish government to a few leading national research centres.

Candidate profile and contact information

IFAE is seeking applicants with a distinguished record of scientific excellence and the innovative thinking necessary to lead a dynamic organisation. A PhD or comparable degree, high international visibility in IFAE's field(s) of activity and significant research management experience are required. Salary will be commensurate with qualifications and consistent with IFAE management's salary scale.

More information, including a description of the Director's post and responsibilities, is at www.ifae.es/eng/work/open-positions.html.

The successful candidate may be offered an indefinite position as Full Research Professor. The appointment as Director will be for a period of 4 years, which could be extended. Applicants should send a CV and a cover letter by e-mail to the Director of CERCA, at applications@cerca.cat, citing as the subject "IFAE Director call".

The deadline for applications is October 10, 2014.

CERN COURIER has gone digital



Image credit: ESO

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The jobs site for physics and engineering



WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
MÜNSTER

The Institute for Nuclear Physics at the Westfälische Wilhelms-University Münster invites applications for a tenured

Professorship in Experimental Physics (Salary scale W2)

starting in October 2015.

Candidates are expected to have a strong track record in the fields of Neutrino or Astroparticle Physics or in precision experiments in Physics Beyond the Standard Model. The candidate's range of activities should strengthen and extend existing activities at the Institute for Nuclear Physics. Close co-operation is expected with the theoretical and experimental groups, especially within coordinated programs. Teaching obligations are in the area of Experimental Physics and Nuclear, Particle and Astroparticle Physics. Candidates are also expected to participate in the academic administration of the department.

Prerequisite for the application are a PhD and outstanding teaching skills, as well as academic achievements made as a Junior professor (assistant professor), in a Habilitation (postdoctoral qualification), as a member of the academic staff of a university or non-university research institute, or in a research position in business, industry, administration or other relevant fields.

The University of Münster is an equal opportunity employer and is committed to increasing the proportion of senior women academics. Consequently, we actively encourage applications by women. Female candidates with equivalent qualifications and academic achievements will be preferentially considered within the framework of the legal possibilities. We also welcome applications from candidates with severe disabilities. Disabled candidates with equivalent qualifications will be preferentially considered.

Applications with a CV, including teaching experience and publication list, copies of degree certificates, and a statement of research interests shall be submitted in written form until **September 30, 2014** to the

Dean of Physics

Herrn Prof. Dr. Markus Donath

Wilhelm-Klemm-Str. 9 – 48149 Münster - Germany



NATIONAL TAIWAN UNIVERSITY
Leung Center for Cosmology
and Particle Astrophysics

Distinguished Junior Fellowship



The Leung Center for Cosmology and Particle Astrophysics (LeCosPA) of National Taiwan University is pleased to announce the availability of several Post-Doctoral Fellow or Assistant Fellow positions in theoretical and experimental cosmology and particle astrophysics, depending on the seniority and qualification of the candidate. Candidates with exceeding qualification will be further offered as LeCosPA Distinguished Junior Fellows with competitive salary. LeCosPA was founded in 2007 with the aspiration of contributing to cosmology and particle astrophysics in Asia and the world. Its theoretical studies include inflation, dark energy, dark matter, large-scale structure, cosmic neutrinos, and classical and quantum gravity. The experimental investigations include the balloon-borne ANITA project in Antarctica, the ground-based ARA Observatory at South Pole, and the TAROGE Observatory in the east coast of Taiwan in search of GZK neutrinos, and a satellite GRB telescope UFFO that can slew to the burst event within 1sec. These positions are available on August 1, 2015. Interested applicant should email his/her application with curriculum vitae, research statement, publication list and three letters of recommendation before December 1, 2014 to

Ms. Yen-Ling Lee ntulecospa@ntu.edu.tw

For more information about LeCosPA, please visit its website at <http://lecospa.ntu.edu.tw/>

Three letters of recommendation should be addressed to
Prof. Pisin Chen, Director
Leung Center for Cosmology and Particle Astrophysics
National Taiwan University

Accelerators | Photon Science | Particle Physics

Deutsches Elektronen-Synchrotron
A Research Centre of the Helmholtz Association



PARTICLE PHYSICS.

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

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 DESY's particle physics research.

- Analysis and detector-upgrade in the LHC experiments ATLAS and CMS
- Preparation of the International Linear Collider ILC (accelerator and experiments)
- Cooperation in the Analysis Centre of the Helmholtz Alliance "Physics at the Terascale"
- Participation in experiments like 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.

Please submit your application including a resume and the usual documents (curriculum vitae, list of publications and copies of university degrees) to the DESY human resources department. Please arrange for three letters of reference to be sent before the application deadline to the DESY human resource department.

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. 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 a bilingual 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: EM100/2014

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

E-Mail: recruitment@desy.de

Deadline for applications: 30 September 2014

www.desy.de

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





Currently we are looking for:

- // Technical safety coordinator
- // Senior designer-Experimental Programmes
- // Expert for cryogenic systems
- // Technical requirement specialist
- // Laser and Optical specialist
- // PhD position



The Cockcroft Institute
of Accelerator Science and Technology

The Universities of Liverpool, Lancaster and Manchester
The Cockcroft Institute

Director

Salary Negotiable

The Cockcroft Institute (<http://www.cockcroft.ac.uk/>) is a unique international centre specifically responsible for research and development in particle accelerators, colliders and light sources for advancing the frontier of particle and nuclear physics, photon sciences and various applications to society in the areas of health, medicine, energy and security. The Institute is a partnership between the Universities of Liverpool, Manchester and Lancaster and the Science and Technology Facilities Council.

We are seeking to appoint a Director of the Institute who will grow its reputation as a world-leading centre for accelerator science. Reporting to the Institute Board, the Director will work with the partners to develop strategy for the Institute and manage all aspects of its implementation. You will have a successful track record in accelerator science or a related field and have demonstrated ability in leadership in a university or research organisation. The role of Director will be for 5 years initially, and will be offered in combination with a permanent professorial appointment in one of the partner universities.

The post is available from 1 January 2015 or as soon as possible thereafter.

Job Ref: A-565563/CC

Closing Date: 1 September 2014

**For full details, or to request an application pack, visit
www.liv.ac.uk/working/job_vacancies/ or e-mail jobs@liv.ac.uk
Please quote job ref in all enquiries.**

**COMMITTED TO DIVERSITY AND
EQUALITY OF OPPORTUNITY**

