

Recruitment

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UNIVERSITY OF COPENHAGEN



Associate Professorship in Experimental Particle Physics

The Niels Bohr Institute Faculty of Science University of Copenhagen

The Niels Bohr Institute invites applications for a position as Associate Professor in Experimental Particle Physics.

The position is open from 1 January 2015 or as soon as possible thereafter. The Niels Bohr Institute at the University of Copenhagen is expanding its activities in particle physics, astroparticle physics and cosmology. The Institute hosts the Discovery Center for Particle Physics and Cosmology which is funded by the Danish National Research Foundation. The center has a vigorous research program that spans all areas of theoretical and experimental subatomic physics.

In particular, the program includes strong participation in the ATLAS and ALICE experiments at the LHC, both in the operation and data analysis as well as in future upgrades. We seek an experimentalist with an outstanding research record in accelerator based experimental particle or heavy-ion physics, who will also be able to further strengthen the ties between our theoretical and experimental activities. We expect the chosen candidate to contribute to our commitments to ATLAS or ALICE, to have an ambitious independent

research profile, and also to take a prominent role in the teaching of graduate and undergraduate physics students.

Applicants are required to have university level teaching experience, documented teaching competencies and must be able to explain and reflect upon own teaching practice and portfolio. Formal pedagogical training or supervision equivalent to the University of Copenhagen teacher training programme for assistant professors is required.

Duties include the applicant's own research, development of the field, assessment tasks, grant applications, and research management such as supervision and training of research fellows and other staff. The successful applicant must also teach, supervise, prepare and participate in examinations, and fulfill other tasks requested by the Department.

Assessment of applicants will primarily consider their level of documented, original scientific production at an international level, including contributions to developments in their field, as well as their documented teaching qualifications.

Managerial and out-reach qualifications of applicants including ability to attract external funding will also be considered.

Further information on the Department is linked at www.science.ku.dk/english/about-the-faculty/departments/. Inquiries about the position can be made to Head of Institute, Robert Feidenhans'l at robert@nbi.ku.dk or Deputy Head of Institute for Research Niels Obers at obers@nbi.ku.dk.

Please find the full job advertisement <http://employment.ku.dk/>.

Only electronic applications are accepted.

Founded in 1479, the University of Copenhagen is the oldest university in Denmark. With 37,000 students and 9,000 employees, it is among the largest universities in Scandinavia and one of the highest ranking in Europe. The University consists of six faculties, which cover Health and Medical Sciences, Humanities, Law, Science, Social Sciences and Theology.

www.ku.dk/english


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.



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


**Four Faculty Positions In Theoretical Physics and Mathematics
Departments of Mathematics and Physics
University of California, Davis**

The Departments of Mathematics and Physics at the University of California, Davis invite applications for four full-time faculty positions to launch a new research initiative: The Physics and Mathematics of the Universe. Applications will be considered for appointment at the level of Assistant Professor, Associate Professor or Professor; appointments will be made either in the Mathematics or Physics Department, or jointly between the two departments, to be determined on a case-by-case basis.

This is an opportunity to build an extraordinary program, and we will exercise flexibility regarding the exact specialties of the faculty we recruit in order to achieve an exciting outcome. We encourage applications from candidates with expertise in areas of theoretical physics and mathematics that aim to increase our understanding of the fundamental physical laws and their underlying mathematical structure.

This program will benefit from synergies with our strong research programs in high energy physics, gravity, cosmology, geometry, topology and mathematical physics.

Applicants must have a Ph.D. in physics or mathematics and the ability to teach effectively at both undergraduate and graduate levels. Demonstrated success in an active research program in physics or mathematics is essential.

Due to the large number of positions to be filled, applications will be evaluated starting October 10, 2014. To ensure full consideration, applications should be received by this date. The positions will remain open and applications will be accepted until the search is complete. Applications should be submitted online via the job listing PMUFAC2014 on <http://www.mathjobs.org>, and should include a cover letter, CV, publication list, research and teaching statements, and letters of recommendation from at least four references.

Inquiries may be addressed to PMU Search Committee Chair, Department of Physics, University of California, One Shields Ave, Davis, CA 95616, or by e-mail to pmusearch@ucdavis.edu. Further information about the departments may be found on our websites at <http://www.physics.ucdavis.edu> and <https://www.math.ucdavis.edu>.

UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities, and veterans.

LUND – A GREAT PLACE TO DO NANOSCIENCE

The Nanometer Structure Consortium is Sweden's largest research environment for nanoscience, engaging more than 200 PhD students and scientists in the faculties of engineering, the natural sciences, and medicine at Lund University.

In 2014 we offer a large number of openings for PhD students and postdocs in:

- Nanowire growth and materials science
- Electrical, structural and optical characterization of nanowires
- Nanowire photovoltaics, LEDs, and thermoelectrics
- Molecular motors and devices
- Photonics and transport theory
- Microfluidics
- Safety and toxicology of nanostructures

We invite applications from outstanding candidates with backgrounds in physics, nanoscience, chemistry and biochemistry from all countries.



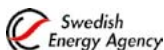
LUND
UNIVERSITY

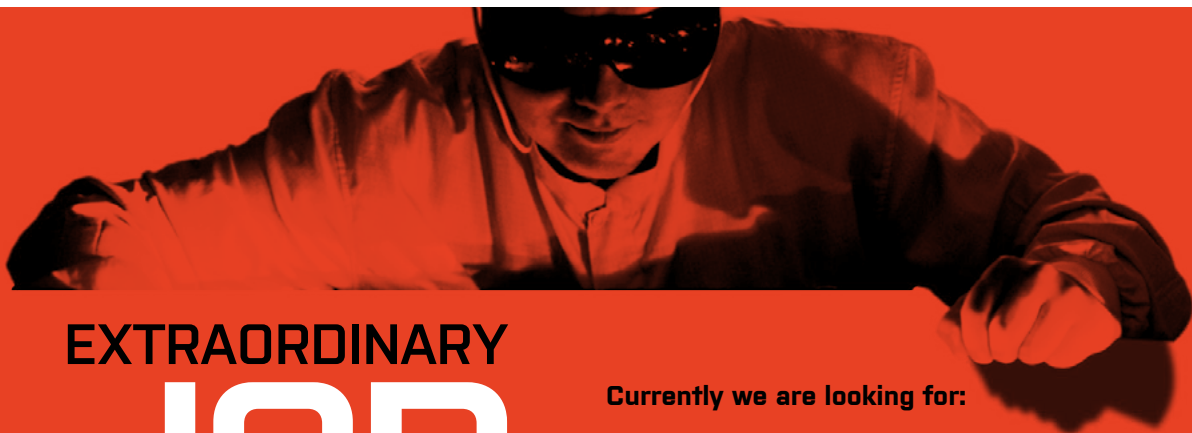
CAREER OPPORTUNITIES IN

NANO SCIENCE AT LUND UNIVERSITY

www.nano.lu.se/opportunities

Main image by Crispin Hetherington, Lund University. TEM image of an AlGaAs nanowire of 164 nm diameter. Design © www.tintin-blackwell.com, 2014





EXTRAORDINARY JOB OPPORTUNITIES

Unique opportunity to be involved in defining and implementing the state-of-the-art laser technology and construction of a new EU science facility.

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



www.eli-beams.eu/cooperation/jobs/



FACULTY POSITION IN EXPERIMENTAL CONDENSED MATTER

UNIVERSIDAD DE LOS ANDES – BOGOTÁ, COLOMBIA

The Physics Department at Universidad de los Andes, Colombia, is seeking to fill a position in experimental condensed matter physics for a faculty member at the level of assistant or associate professor.

Applicants are expected to have expertise in one or more of the following areas: nano-magnetism, transport measurements (high magnetic fields and low temperatures) and functional layered materials (fabrication, growth and characterization).

This position should complement and extend our existing experimental strength in condensed matter physics.

For more information, refer to:

<http://fisica.uniandes.edu.co/index.php/en/research/condensed-matter>

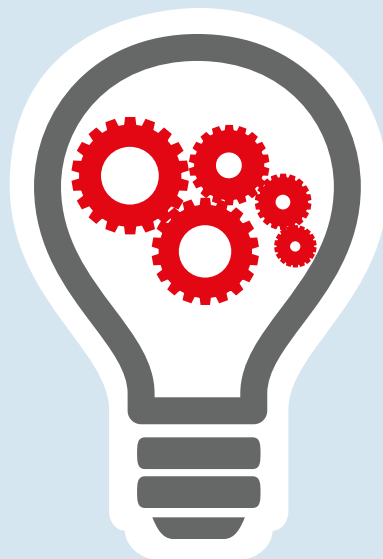
A Ph.D. degree, postdoctoral experience and commitment to excellence in independent research and teaching are required. Applicants should send a curriculum vitae, a description of research and teaching interests, and arrange to have three recommendation letters sent to:

Carlos Avila,
Chairman, Physics Department, Universidad de los Andes
e-mail: director-fisica@uniandes.edu.co
A.A. 4976, Bogotá, Colombia.
Phone (57-1)-332-4500, Fax (57-1)-332-4516.

Review date: July 31st 2014

Desired starting date: January 2015, however the position will remain open until a suitable candidate is found.

brightrecruits.com



The jobs site for physics and engineering