

Recruitment

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Senior and Junior Researchers, Postdoctoral research assistants,
PhD students, Engineers, Physicists and Technicians at
**Extreme Light Infrastructure –
Nuclear Physics (ELI-NP)**



Extreme Light Infrastructure – Nuclear Physics (ELI-NP) will be a new Center for Scientific Research to be built by the National Institute of Physics and Nuclear Engineering (IFIN-HH) in Bucharest-Magurele, Romania.

ELI-NP is a complex facility which will host two state-of-the-art machines of high performances:

- A very high intensity laser beams from two 10 PW lasers;
- A very intense, brilliant γ beam, very low bandwidth, with $E_\gamma > 19$ MeV, which is obtained by incoherent Compton back scattering of a laser light off an intense electron beam ($E_e > 700$ MeV) produced by a warm linac.

IFIN-HH - ELI-NP is organizing competitions for filling the following positions:

Senior and Junior Researchers, Postdoctoral research assistants, PhD students, Engineers/Physicists (particle accelerators, mechanics, optics), Engineers (physics, laser, electronic, electrical, electrotechnical, instrumentation and control), Technicians, Engineers for RA I (laser, control systems, contamination control, project engineer) and Vacuum Systems Technicians for RA I.

The jobs description, the Candidate's profiles and the Rules of Procedures of Selection can be found at <http://www.eli-np.ro/jobs.php>.

The applications shall be accompanied by the documents required in the Rules and Procedures of Selection for these positions

The applications shall be sent to the Human Resources Department at human.resources@eli-np.ro.



Full time academic position in experimental astroparticle physics

The physics department of the Université Libre de Bruxelles (ULB) seeks outstanding candidates in the field of astroparticle physics.

The experimental particle and astroparticle physics group is located within the Inter-university Institute for High Energies (IIHE – ULB/VUB). This research group of 100 people has a long history at the forefront of experimental research with major contributions to detector construction and data analysis in accelerator experiments (Delphi at LEP, H1 at DESY and CMS at LHC), in astroparticles (the large-scale South Pole neutrino observatories AMANDA, IceCube, and ARA), in neutrino oscillation physics (OPERA at Gran Sasso, SoliD at SCK-CEN), and in R&D on data acquisition systems for deployment at future accelerator and non-accelerator facilities, supported by laboratory workshop facilities and technical personnel. The experimental particle physics group maintains a close collaboration with colleagues in the ULB/VUB theory groups whose

research interests include phenomenology, cosmology, astroparticle and astrophysics.

More details may be found on the institute's web page: www.iihe.ac.be.

A successful candidate shall demonstrate a history of outstanding experimental or observational research and leadership in the field. Strong skills in the development of detector instrumentation are an asset. The candidate is invited to participate in the framework of the existing research projects but is also encouraged to begin new research topics.

The official vacancy can be found on:

<http://wwwdev.ulb.ac.be/greffe/files/5034.pdf>

Application deadline: 15 Mar 2016



PARTICLE PHYSICS.

DESY has openings for: DESY-Fellowships - experimental particle physics

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 a project of DESY's particle physics research programme.

- Analysis and detector-upgrade in the LHC experiments ATLAS and CMS
- Preparation of the International Linear Collider ILC (accelerator and experiments)
- Participation in the Analysis Forum of the Helmholtz Alliance "Physics at the Terascale"
- Participation in the experiments 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, a curriculum vitae including a short summary of past research activities and of future research interests, a list of publications and copies of University degrees to the DESY human resources department (preferably via http://www.desy.de/about_desy/career/online_application/index_eng.html, but we also accept e-mail to recruitment@desy.de or normal mail). Make sure that you indicate the position identifier on all communications (FHFE001/2016).

It is your responsibility to arrange for three letters of reference to be sent before the application deadline to the DESY human resource department, clearly stating your name and the position identifier (FHFE001/2016).

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.

We are looking forward to your application quoting the reference code preferably via our electronic application System: Online-Application or by email recruitment@desy.de

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: FHFE001/2016

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

Deadline for applications: 31 March 2016

www.desy.de



University of Glasgow

College of Science and Engineering School of Physics & Astronomy

Lecturer/Senior Lecturer/Reader

Grade 8/9, Salary Range -

£41,255 - £47,801 / £49,230 - £55,389 per annum

Vacancy Ref: 012393

To undertake and lead a world-class research programme in theoretical elementary particle physics, with emphasis on lattice QCD or collider phenomenology. You will publish in leading international journals, vigorously pursue funding opportunities and teach physics engagingly at all levels.

For appointment as Senior Lecturer/Reader you will be an outstanding researcher, with significant international leadership roles and esteem, including an extensive record of high quality publications.

Apply online at: <http://www.gla.ac.uk/about/jobs/>

**Closing date: 20 March;
interviews 18th/19th April 2016**

The University is committed to equality of opportunity in employment.

The University of Glasgow, charity number SC004401

ÖAW

ÖSTERREICHISCHE
AKADEMIE DER
WISSENSCHAFTEN

The Stefan Meyer Institute for Subatomic Physics of the Austrian Academy of Sciences in Vienna is devoted to the study of fundamental symmetries and interactions. In its division "Precision experiments at low energies" a new position of

Junior group leader for antihydrogen research

has been opened. The successful candidate is expected to contribute to the existing activities on antihydrogen hyperfine spectroscopy and gravity measurements at the Antiproton Decelerator of CERN which are currently performed within the ASACUSA and AEGIS collaborations.

In addition to the junior group leader position (tenure track, initial appointment 5 years), funding for the equivalent of two Ph.D. positions as well as funds for travel and investment are available. The candidate is expected to obtain additional external funding for his research activities.

Candidates are required to have a Ph.D. in experimental physics and low-energy atomic physics type experiments at particle accelerator laboratories. Previous involvement in antihydrogen experiments, ion or atom trapping, or particle detection will be of advantage. Candidates need to provide a research plan together with the usual documents and submit them to

smi@oeaw.ac.at until March 15, 2016.

More information can be obtained from
<http://www.oeaw.ac.at/smi/jobs>
or by email from eberhard.widmann@oeaw.ac.at





Intellectual
Property
Office



The Intellectual Property Office - Career Opportunities for Engineers, Scientists, Computer Scientists and Mathematicians

We play a key role in helping innovative companies to grow. The UK's economy thrives on innovative products and services, the use of intellectual property rights protect, define and reward creativity. We are an Executive Agency of the Department of Business, Innovation and Skills (BIS). As part of BIS we are the United Kingdom's principal authority on intellectual property (IP) with responsibility for granting patents, registering trademarks and designs, and developing IP policy.

Patent Examiner Recruitment

Patents help companies benefit from their R&D and innovation by protecting new technology for both products and methods of manufacture. The Intellectual Property Office (IPO) is seeking to recruit 50 Patent Examiners to start in September 2016.

Patent Examiners help companies to innovate and grow by granting high quality, valid patents. They scrutinise both the technical and legal aspects of a patent application, comparing the new invention against those found in patent databases, before considering whether or not to grant a patent.

Patent examining offers an unusual opportunity to combine your scientific and technical knowledge with legal skills. We are seeking people with highly developed analytical and critical skills and the communication skills necessary to express complex technical and legal arguments along with strong oral communication skills to communicate effectively with colleagues and customers. We require candidates who are self-motivated and willing to take responsibility for their own decisions.

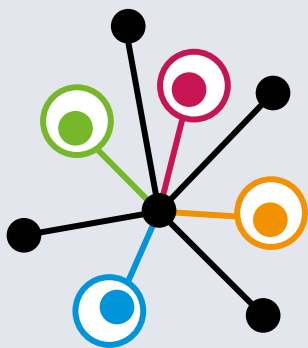
The office deals with a wide range of subject matter, from chemical compounds to smart phones; we endeavour for each examiner to work in areas appropriate to their qualifications and interests.

Associate Patent Examiners currently start from £27255 with benefits such as flexible working, non-competitive promotion, generous holidays and an excellent pension scheme.

We welcome applications from people who have obtained or are expected to achieve at least a 2:2 degree in engineering, science, computer science or mathematics, or from people who have equivalent experience in industry.

Online recruitment will open shortly. Apply online at <http://www.ipo.gov.uk/careers-patentexaminer> or contact us on patentexaminer@ipo.gov.uk

Intellectual Property Office is an operating name of the Patent Office



Graduate Careers

March 2016

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2016 Glasgow, UK

8th Joint European Magnetic Symposia

22–26 August 2016

SECC: Scottish Exhibition and Conference Centre, Glasgow, UK

The Joint European Magnetic Symposia (JEMS) combine to form the most important and comprehensive conference on magnetism in Europe.

JEMS has evolved over the last 15 years into a premier scientific forum for presenting the latest cutting-edge developments in magnetism and magnetic materials research. The conference has a breadth of topics ranging from the fundamental to the applied, and exemplifies the diversity of approach inherent to the European context. Topics range across all areas of current interest and include strongly correlated systems, materials for energy and biomedical applications, spintronics, ultrafast optical switching, chiral spin materials and magnonics.

The structure of the conference ensures that all participants can enjoy plenary and semi-plenary speakers from around the world, representing leading efforts at the frontiers of topical areas. Attendees are encouraged to contribute to specialised symposia through talks and poster sessions devoted to their specific research topics. An exhibition will also be held alongside the conference, enabling delegates to connect with industry representatives.

Plenary speakers

- Vincent Cros (CNRS/Thales)
- Burkard Hillebrands (TU Kaiserslautern)
- Jordan Katine (HGST)
- Hideo Ohno (Tohoku University)
- Nicola Spaldin (ETH Zurich)

Key dates

Abstract submission deadline:	18 March 2016
Early registration deadline:	10 July 2016
Registration deadline:	12 August 2016

Call for abstracts

Contributions for oral and poster presentations are invited in the following topics. Abstracts of a maximum of one side of A4 including figures and references should be submitted online by 18 March 2016.

- Biomagnetism and medical applications
- Electronic correlations, superconductivity, superconducting spintronics
- Frustrated and disordered magnetism, including spin ice
- Magnetic memories and magnetic recording sensors
- Magnetic shape memory, magnetoelastic and multifunctional materials
- Magnetic thin films, surfaces, interfaces and patterned thin films
- Magnetism and spin transport in graphene/h-BN, carbon-based and organic materials
- Magnetism in alloys and intermetallics
- Magneto-transport, spin electronics, topological insulators
- Materials for energy (permanent magnets, magnetocalorics, soft magnetic materials, Heusler alloys)
- Micromagnetics, magnetization processes
- Nanoparticles and interfaces, nanomaterials and molecular magnetism
- Optically driven spin excitations, magneto-optics and magneto-plasmonics
- Perovskites, multiferroics, artificial/composite multiferroics
- Spin orbitronics, spintronics in antiferromagnets and skyrmions
- Spin waves, magnonics and dynamics

Organising committee

- Robert Stamps (Chair)
- Stephen Lee (Chair)

Enquiries

Conferences Team, Institute of Physics, 76 Portland Place, London W1B 1NT, UK
Tel: +44 (0)20 7470 4800; Email: conferences@iop.org

<http://jems2016.iopconfs.org/>