

Recruitment

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PLEASE CONTACT US FOR INFORMATION ABOUT RATES, COLOUR OPTIONS, PUBLICATION DATES AND DEADLINES.



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



FACULTY POSITION IN ACCELERATOR PHYSICS AT MICHIGAN STATE UNIVERSITY

Michigan State University (MSU) is seeking outstanding candidates for a faculty position in accelerator physics and engineering. MSU is establishing the Facility for Rare Isotope Beams (FRIB) as the leading rare isotope scientific user facility for the U.S. Department of Energy Office of Science and is operating the National Superconducting Cyclotron Laboratory (NSCL) as a world-class laboratory for nuclear science with funding from the U.S. National Science Foundation (NSF).

The successful candidate is expected to conduct world-leading research and innovative technology development, and contribute to the strong graduate program in accelerator physics leveraging the opportunities provided by FRIB. Present research at FRIB/NSCL addresses cutting-edge accelerator physics and technology including superconducting radiofrequency (SRF) cavities, large scale cryogenics, advanced beam dynamics, large-scale numerical modeling, integrated controls, diagnostics, and instrumentation. New areas of research include those associated with the FRIB accelerator upgrade and the next generation high intensity and high power accelerators.

Faculty appointments will be in the FRIB/NSCL faculty system at a rank commensurate with experience. FRIB/NSCL faculty members typically have joint appointments in an MSU academic department, such as Physics and Astronomy, or Engineering, where they are expected to teach courses and supervise graduate students. Details about FRIB/NSCL faculty appointments are provided at www.hr.msu.edu/documents/facacadhandbooks/NSCLFacPos.htm.

Applicants must have a Ph.D. or equivalent and are normally expected to have postdoctoral experience. The search committee will begin reviewing applications starting February 1, 2016. Application packets should include a cover letter addressed to the accelerator physics faculty search committee, a CV that includes a list of publications and talks, a research plan of no more than two pages, and the names and email addresses of at least three references. Application materials should be emailed to careers@frib.msu.edu.

**MICHIGAN STATE
UNIVERSITY**

MSU is committed to achieving excellence through cultural diversity. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

MSU is an Affirmative Action, Equal Opportunity Employer.



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://www.dev.ulb.ac.be/greffe/files/5034.pdf>
Application deadline: 15 Mar 2016



Europäisches
Patentamt
European
Patent Office
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des brevets



Join Europe's top engineers and scientists

In 2016 the European Patent Office plans to recruit more than 200 engineers and scientists to work as patent examiners.

Your professional challenge

Our engineers and scientists – drawn from over 30 different European countries – work at the cutting edge of technology, examining the latest inventions in every technical field in order to protect and promote innovation in Europe.

Your profile

If you have a diploma of completed university studies at Master's level in physics or engineering, a good working knowledge of at least two of our official languages (English, French and German) and the willingness to learn the third, you too could be part of our team of patent-examiners in Munich or The Hague.

We offer

We offer a competitive net basic salary (EUR 5.150,08 – 7.293,53 per month, depending on experience) as well as various benefits and allowance.

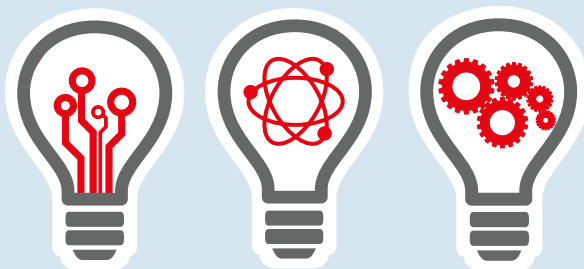
More information

To find out more about working as a patent examiner, and for details of our benefits package, visit our website at <http://bit.ly/1NFt2Ay>

Application deadline

The deadline for applications is 15 January 2016 for Munich and 29 January 2016 for The Hague.

Visit
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**FUSION
CDT**

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Science & Technology of
Fusion Energy**

**A doctoral training programme in fusion energy, including
materials, instrumentation and plasma science.**



With support from EPSRC, Culham Centre for Fusion Energy, AWE and the Central Laser Facility, the Universities of Durham, Liverpool, Manchester, Oxford and York have formed the EPSRC Centre for Doctoral Training in the Science and Technology of Fusion Energy.

With ITER under construction and the operation of NIF in the US, fusion energy is entering an exciting new era. We work with world-leading facilities, including JET, MAST, Orion and the Central Laser Facility, while our Low Temperature Plasma research is linked with major international companies in areas such as semiconductor processing.

Our PhD training programme offers:

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- a comprehensive taught programme in fusion energy, including materials and plasma science to prepare you for your research project: no prior specialist knowledge is assumed
- exciting research projects, linked to world-leading fusion facilities
- materials, instrumentation and plasma research projects for fusion energy
- projects in high energy density physics and laboratory astrophysics
- experimental projects including superconductivity, spectroscopy, control technology and data analysis
- extensive opportunities for international collaboration and travel

For more information on the Fusion-CDT and studentships visit www.fusion-cdt.ac.uk





Open Positions in the OMA project

Cancer is a major social problem and it is the main cause of death between the ages 45-65 years. Radiotherapy plays an essential role in the treatment of cancer.

The Optimization of Medical Accelerators (OMA) is the aim of a new European research and training network.

OMA addresses the challenges in treatment facility design and optimization, numerical simulations for the development of advanced treatment schemes, and in beam imaging and treatment monitoring.

The network is currently offering Fellowships to 15 talented, energetic, highly motivated early career researchers that will be employed by the different beneficiary partners across Europe. Possibilities for enrolling into a PhD programme exist.

Each researcher will benefit from a wide ranging training that will take advantage of both local and network-wide activities. Excellent salaries will be offered. Most positions are for starting on 1st October 2016.

Application deadline:
28th February 2016

Contact and further detail:
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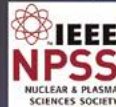
www.oma-project.eu



2016 IEEE Nuclear Science Symposium & Medical Imaging Conference

23rd International Symposium on Room-Temperature X-Ray and Gamma-Ray Detectors

Palais des Congrès, **Strasbourg**, France
29 October - 6 November 2016



Radiation detectors and instrumentation and their application in:

- Particle and nuclear physics, astrophysics, large scale facilities, security, energy, and environmental sciences
- Medical sciences, including image reconstruction, image/data analysis, radiation therapy, and dosimetry

Scientific sessions, industrial exhibition, short courses, special focus workshops



General Chair
Maxim Titov
CEA Saclay, DSM/IRFU
email: nssmic2016@ieee.org

Abstract
Submission
Deadline
3 May 2016



<http://www.nss-mic.org/2016>