

· 全球招聘新闻 ·

 博士后
[美国] University of Wisconsin,
Milwaukee

The Center for Gravitation and Cosmology at the University of Wisconsin – Milwaukee (UWM) invites applications for several postdoctoral research positions. More information about the people and the research of the center for gravitation and cosmology can be found at <http://gravity.phys.uwm.edu>. The group performs research that spans most aspects of LIGO Scientific Collaboration (LSC) gravitational-wave data analysis activities, including searches for binary neutron star and black hole inspirals, continuous waves from isolated neutron stars, development and support of Einstein@Home, bursts, and stochastic background. The group is also active in several scientific computing collaborations. The group is recruiting postdoctoral research associates to work in any of these areas, and they have one position specifically for Einstein@Home science development. Applicants with a backgrounds in gravitational-wave physics, theoretical relativity, numerical relativity, cosmology, or high energy physics (theory and experiment) are welcome to apply. In addition, the CGC is recruiting for a postdoctoral position in the areas of theoretical and/or computational astrophysics. The successful applicant will have a choice of problems to work on including aspects of Type Ia progenitor evolution, instabilities in plasma astrophysics, and/or any other research topic of mutual interest. Prior experience in running large numerical simulations is preferred but not required. Applicants whose work overlaps any of the research interests of the group should send a CV, publication list, and a brief statement of their research interests by email to cgcpd@gravity.phys.uwm.edu, or by ordinary mail to: **Ms. Stefanie Pinnow, CGC Postdoc Search Committee, Department of Physics, University of Wisconsin-Milwaukee, PO Box 413, Milwaukee, WI 53201, USA, (Phone 414-229-4960 Fax: 414-229-5589)**. Applicants should also arrange to have three letters of recommendation sent by E-mail or to this address. The deadline for applications will be January 15th, 2011 but early applications are encouraged. (源于 *Physics Today Job* [2011-12-01])

 博士后
[美国] Lawrence Berkeley
National Laboratory

The Neutrino Physics program at the Nuclear Science Division at Lawrence Berkeley National Lab is seeking outstanding candidates for a postdoctoral position. The successful candidate will participate in the neutrinoless double-beta decay search in the majorana experiment and direct kinematic measurement of the neutrino mass scale in the katrin experiment. Key Responsibilities: work on experiments to probe the absolute neutrino mass scale; development of advanced germanium detectors and associated electronics for neutrinoless double-beta decay search; development of analysis software for gamma and beta spectrum measurements. Qualifications:

PhD in nuclear physics, high energy physics or related discipline within the last 2 years; experience with nuclear instrumentation or radiation detection; experience with programming and physics analysis; relevant publication record demonstrating proficient written and oral presentation of scientific results; ability to perform research independently and as part of a research group. Apply online at <http://bit.ly/lbl73997PhysicsToday> and follow the instructions to complete the application process. Requested application materials: CV; publication list; statement of research interests; arrange for 3 reference letters to be submitted to **Dr. Alan Poon at AWPoon@lbl.gov**. Informal inquiries can be directed to **Dr. Alan Poon (AWPoon@lbl.gov, phone: 510-495-2467)**. (源于 *Physics Today Job* [2011-12-14])

 博士后
[德国] Georg-August-Universität Göttingen

The Collaborative Research Center Astrophysical Flow Instabilities and Turbulence (CRC 963) is offering up to 30 PhD and 5 Postdoc positions. The positions will be limited to two years with an extension of one year and will be filled as soon as possible. They offer a unique combination of expertise in astrophysics, geophysics, applied mathematics, and experimental physics as well as access to forefront research infrastructures high-level research in one of the participating institutions. Depending on the project, incumbents will be employed by one of the participating institutions. Information about the CRC 963 and its projects can be found at <http://www.uni-goettingen.de/en/215327.html>. Applicants are expected to hold a Master / PhD degree in physics, astrophysics, planetary sciences, geophysics, mathematics, or computer sciences, to have a research focus on observational or theoretical astrophysics, numerical simulations of turbulent flows, experimental fluid dynamics, or applied mathematics, to be motivated collaborating with other researchers of the CRC 963, to be proficient in English. Send the application with the usual documents (also in electronic form) by January 31, 2012 to **Coordination office CRC 963, Institut für Astrophysik, Georg-August-Universität Göttingen, Friedrich-Hund-Platz 1, D-37077 Göttingen, Germany, Tel. +49 551 395042, E-Mail: crc963@astro.physik.uni-goettingen.de**. Contact **Ms. Klaudia Wolters** (phone: +49 551 395042, E-mail: sekr@astro.physik.uni-goettingen.de) for any questions. (源于 *Physics Today Job* [2011-12-21])

 博士后
[美国] Lawrence Berkeley National
Laboratory

Lawrence Berkeley National Laboratory's Center for X-Ray Optics (CXRO) works at the forefront of science and technology using short-wavelength optical systems and techniques. CXRO now offers an exciting opportunity for a postdoctoral fellow to join their EUV-lithography mask-imaging team. Key Responsibilities: collaborate with leading researchers, internal and in semiconductor companies; work closely with the EUV mask imaging team to design, create and

test advanced tools; conduct optical experiments and measurement using a synchrotron experimental endstation; design experiments to test optical phenomena; conduct simulations of optical systems and detectors; prepare reports, documentation, and publications describing the work; assist in the specification, design, and testing of optical systems and related hardware. Qualifications: Recent PhD in Physics, Electrical or Optical Engineering, plus a background in optics that includes imaging systems; hands-on experience running complex experimental systems; proficiency in data analysis and processing; excellent written and oral communication skills; confident with analysis and interpretation of image data using idl or matlab; experience with synchrotron or x-ray beamlines would be highly advantageous, but is not essential. Apply directly online at the following links: <http://bit.ly/1bl74066> **Physics Today** and follow the instructions to complete the application process. (源于 *Physics Today Job* [2011-12-21])

UCLA

博士后

[美国] University of California,
Los Angeles

The Department of Radiation Oncology at UCLA seeks a Postdoctoral Fellow to investigate human breathing motion and respiratory - correlated imaging, including respiratory -gated computed tomography, positron emission tomography, and/or magnetic resonance imaging. The successful applicant will work with a multidisciplinary team in the area of radiation oncology medical physics. Candidate should have a PhD in physics, medical physics, biophysics, biomedical engineering, computer engineering, or a related area. Proficiency in computer programming (Matlab, C++), excellent lab skills, hands-on experience with testing equipment, and the ability to publish the research results are expected. Qualified candidate should email his/her CV and three names of references that can provide letters of reference to the following website: <http://www.bmp.ucla.edu/>. (源于 *Physics Today Job* [2011-12-22])

 STANFORD
UNIVERSITY

博士后

[美国] Stanford University

The laboratory of Dr. Atul Butte at Stanford Medical School is seeking highly motivated investigators to develop and study novel approaches in data -driven biomedical research to discover new biomarkers, therapeutics, and to revolutionize health and health - care. Postdoctoral fellowships are fully funded for at least 2 years. Ideal candidates will have an MD and/or PhD with a strong background in bioinformatics, computational biology, biostatistics, and genomics, excellent communication and programming skills, and a great publication record. Strong problem -solving skills, creative thinking, and the ability to build new software tools as needed are required. A dual background in both computation and molecular biology or medicine or pharmacology will be a strong plus. Prior experience with genetic, microarray, drug, or clinical databases, text -mining, knowledge representation, or parallel computing

platforms is a plus. Applicants must possess good communication skills and be fluent in both spoken and written English. This exciting work will be guided by multidisciplinary collaborations with top scientists in stem -cell, immunology, diabetes, and cancer biology research at Stanford. For candidates who want to apply, please send the CV, a brief statement of research interests, and contact information for three references. Contact: Susan Apteekar; E-mail: butte-lab-jobs@lists.stanford.edu. (源于 *Science* [2011-12-23])



博士后

[美国] Space Telescope Science Institute

Applications are invited for a one year postdoctoral position at STScI to work with Dr. W.B. Sparks on HST observations of the jet of M87. The primary area of investigation is application of precision astrometric techniques in the optical to measurement and interpretation of the jet proper motion, in collaboration with Drs. R. van de Marel, J. Anderson and others. Their goal is to provide state-of-the-art data for comparison with theoretical work on the structure and dynamics of the jet and its interaction with the ambient medium. The successful applicant is expected to have the ability to work with challenging observational datasets, and to participate in theoretical interpretation of the results, on both the proper motion project and the wider astrophysical implications of nuclear activity and jets in galaxies. Applicants should have obtained by the starting date a PhD in astronomy or a related field. Applicants are requested to complete an on -line application and attach the following materials in the resume upload section: curriculum vitae, list of publications, and a brief statement of current and future research interests. (There is a three file maximum) Please include #11-0117 in the file name. Please also arrange to have three letters of reference sent to this email address: careers@stsci.edu. Completed applications received by February 1, 2012 will receive full consideration. (源于 *Physics Today Job* [2011-12-27])

 UC DAVIS
UNIVERSITY OF CALIFORNIA

博士后

[美国] University of California, Davis

University of California, Davis seeks two postdoctoral fellows to study how inherited mitochondrial defects cause neurodegenerative disease and to use this information in therapeutic screening. Expertise in mouse models, neuron, and cellular studies, as well as molecular and biochemical excellence, are very strongly preferred. DRG/RGC injury models, Schwann cell co-culture, and/or microarray experience aplus. Send curriculum vitae to E-mail: gcortopassi@ucdavis.edu. Website: <http://cortopassilab.ucdavis.edu/>. (源于 *Science* [2011-12-16])



助理教授

[美国] New Jersey Institute of
Technology

The department of physics at New Jersey Institute of Technology

(NJIT) invites applicants for a tenure track, junior faculty position in biophysics. The successful candidate will be a theoretician with broad and overlapping interests in the bio-sciences. The candidate will be expected to develop collaborations with experimental teams at NJIT in areas such as biological sciences, mathematical sciences, chemistry/biochemistry, and condensed matter physics and at other research universities and biotechnology/pharmaceutical companies in the local area and elsewhere. Applicants should have a PhD, a strong record in research, effective teaching skills, and a level of experience that matches the position. Please apply directly online at <http://njit.jobs> and search using posting #0600744. In addition to sending a CV, including a list of publications and a description of research interests, through the on-line application system, applicants should also send their resume and supporting materials to this email address: williamsl@adm.njit.edu. Applicants should also arrange for three references to send letters to the same email address. (源于 *Physics Today Job* [2011-12-14])



助理教授
[美国] University of Maryland Center for Environmental Science

The Institute of Marine and Environmental Technology (IMET) seeks applications for the position of assistant professor (tenure-track). The scientists at IMET conduct marine and environmental research and thereby create technologies designed to foster the protection and restoration of coastal marine systems and their watersheds, sustainable use of their resources and improvement of human health. Candidates with an interest in marine bioenergy applications or nutrient cycling and in practical applications of their fundamental research, including interactions with industry, are encouraged to apply. A demonstrated ability to establish a well-funded research program is expected for the successful candidate. Primary appointment is at UMCES, with a secondary appointment at UMBC. The primary focus of the appointee will be on research; teaching at the graduate level is encouraged. A PhD or equivalent terminal degree is required in microbiology, molecular biology, bioengineering or related fields and candidates should have postdoctoral experience and a strong publication record. Applicants should send a letter of interest, research statement, curriculum vitae, and the names of three references to: **Russell Hill, Interim Director, IMET**, by email to hill@umces.edu. To receive full consideration, applications should be submitted by March 1, 2012. (源于 *Science* [2011-12-16])

Carleton College 助理教授
[美国] Carleton College

The Carleton College is seeking applications for one or more temporary, one-year positions (with the possibility for renewal) at the assistant professor level. They seek a recent PhD in experimental, computational or theoretical physics with a strong

commitment to teaching in a liberal-arts environment. Involvement of undergraduate students in research is strongly encouraged but not required for this position. For further information, visit their web site at <http://apps.carleton.edu/curricular/physics/>. To apply, complete the online application by February 15, 2012 at website: <https://jobs.carleton.edu/>. The online application should include a cover letter, curriculum vitae, statement of teaching philosophy, and a brief summary of research interests. In addition, arrange for three letters of recommendation to arrive by the same date. The applicants should be sent in PDF format to **Email: physics@carleton.edu**, or to **Chair, Search Committee, Department of Physics and Astronomy, Carleton College, One North College Street, Northfield, MN 55057-4025, USA.** (源于 *Physics Today Job* [2011-12-21])



助理教授
[美国] University of Akron

The department of polymer engineering at University of Akron is seeking applications for a tenure-track assistant professor. Applicants in any area of polymer engineering or polymer physics will be considered, but candidates with research programs in energy research, optoelectronics, process modeling and environmental sustainability are especially of interest. Applicants must have a PhD in engineering, materials science, chemistry, physics or an associated field and potential or proven record for obtaining external funding for research. The successful candidate will be expected to teach undergraduate and graduate courses in polymer engineering. Postdoctoral experience is preferred. For complete details and to apply for this position, please visit the following website: <http://www.uakron.edu/jobs/>. Requisition number: **007081**. (源于 *Physics Today Job* [2011-12-22])



助理教授
[美国] University of Illinois,
Urbana-Champaign

The department of physics invites applications for a full-time research assistant professor position in the areas of experimental nuclear physics, beginning as early as April 1, 2012. Appointments at the research assistant professor level will be given preference, but appointments at a higher level will be considered for exceptionally well-qualified candidates. A PhD, or equivalent, is required, along with the ability to conduct a vigorous research program. Their group also participates in neutrino oscillation, double beta decay, and neutron EDM experiments. For full consideration, applications should be received by February 29, 2012, but applications will be accepted until the position is filled. To apply for this position, please create a candidate profile at <http://jobs.illinois.edu> and upload a curriculum vitae, a list of publications, a brief description of research interests and plans, and the names of three people who can provide letters of recommendation. Please contact **Margie Gamel** at **217-333-3762** or mgamel@illinois.edu by email for further inquiries

or questions. (源于 *Physics Today Job* [2011-12-22])



助理教授/副教授

[美国] University of Louisiana, Lafayette

The department of chemistry of the University of Louisiana at Lafayette invites applications for a tenure track position in analytical chemistry at the assistant or associate Professor level. The successful candidate will teach analytical, general chemistry, instrumental analysis and the associated laboratories. The chemist is expected to teach, perform research and participate fully in other activities of their ACS-Certified department, college, and university. Consistent with these responsibilities, the successful candidate will have a PhD in analytical chemistry, research and postdoctoral experience preferred. A curriculum vitae, transcripts, teaching philosophy, research plan and three letters of recommendation should be directed to **Dr. E. R. Taylor, Chairman, Search Committee, Department of Chemistry, P.O. Box 44370, University of Louisiana at Lafayette, Lafayette, Louisiana 70504 -4370**, or email: ertaylor@louisiana.edu. To insure consideration, receipt of a completed application is required by March 15, 2012. (源于 *Science* [2011-12-23])



助理教授/副教授

[美国] Western University of Health Sciences

Western University of Health Sciences, College of Veterinary Medicine is seeking candidates for a tenure-track or tenured assistant or associate professor in research related to on the following fields of interest: stem cell biology and/or immunology, banking techniques, regenerative medicine in humans or animals, and other areas of translational stem cell research directed to improving the health of humans and/or animals, infectious diseases or food safety. The successful applicant will have a doctoral degree (PhD) in biology or a related discipline. For applicants at the assistant professor level, relevant postdoctoral experience and demonstrated potential for excellence in research will be required. Applications at the associate professor level will require all of the above plus a well-established research program with a record of extramural funding. The successful applicant will be expected to maintain an active, externally funded research program (70%) and to participate in academic (20%), and service activities (10%) of the College of Veterinary Medicine. Applicants must apply online and submit a letter of application, a current dated curriculum vitae, copies of 3 recent publications, a statement of research plans, and the names, addresses (both postal and email), and telephone numbers of three references. Applicants should indicate in a cover letter the rank (assistant or associate professor) of the position for which they are applying, along with their specific field of research. Review of completed applications will begin January 15, 2012, and will continue until the position is filled. Applicants who are selected for interviews must be able to show proof that they are eligible and

qualified to work in the United States. Inquiries should be directed to **Professor Griffon, Associate Dean for Research**, Email address: dgriffon@western.edu. (源于 *Science* [2011-12-23])



副教授

[美国] Fermi National Accelerator Laboratory

The Peoples Fellowship was created at Fermi National Accelerator Laboratory (FNAL) with the goal of attracting outstanding accelerator scientists early in their careers, both to enhance Fermilab's capabilities in accelerator science and related technologies, and to train and develop the accelerator scientists and technologists who will carry their field forward in the future. The Peoples Fellows program targets entry-level accelerator physicists, specialists in accelerator technologies, and high energy physics post-doctoral researchers who wish to embark on a new career in accelerator physics or technology, and who have demonstrated the potential to be leaders in the field. Current areas of research that are of interest at FNAL include (but are not limited to): stochastic and electron cooling, high intensity proton beams, high intensity neutrino sources, muon storage rings, superconducting magnets, superconducting RF, linear colliders, high luminosity hadron colliders, beam-beam effects and their compensation, accelerator controls and feedback, and computational physics and modeling. The initial term of the peoples fellowship for candidates with less than two years post-doc experience, is an initial four year appointment with eligibility for a second three-year term. For candidates with two or more years of post-doc experience, the term is an initial three year appointment with eligibility for a second two-year term. Qualifications and essential job functions: PhD in accelerator physics or accelerator-related technology awarded within the prior three years. Post-doctoral experience is not required or PhD in high energy physics or a related field awarded within the prior five years. Candidates are normally expected to have at least three years of post-doctoral experience in high energy physics or a related field. Demonstrated ability to plan, experience in accelerator physics or a related field, and carry out independent research. Established scientific excellence, as demonstrated by impact of publications, quality of research and prominence of presentations. Excellent oral and written communication skills. In addition to completing the online resume profile, candidates for this position must attach a current curriculum vitae and a statement outlining their potential area of research interest. Candidates must also arrange for at least four letters of reference to be sent to ldcooley@fnal.gov. All of these materials must be received by no later than March 1, 2012. For general information about this position, please visit the following website: http://www.fnal.gov/pub/forphysicists/fellowships/john_peoples/index.html and/or contact ldcooley@fnal.gov. (源于 *Physics Today Job* [2011-12-20])

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