

· 全球招聘新闻 ·



博士后

[美国] Space Telescope Science Institute

The successful applicant will work with Dr. Rémi Soummer on high-contrast imaging for exoplanetary science. The specific responsibilities of the position are flexible depending on the interests and background of the candidate, and are related to two distinct ongoing projects. Possible responsibilities include the reduction and analysis of archival HST NICMOS coronagraphic data, and the development of a laboratory testbed to investigate high-contrast coronagraphy combined with wavefront sensing and control for segmented telescopes. Applicants should have obtained by the starting date a PhD in astronomy or a related field. The start date of the appointment is flexible, but should be no later than September 2012; earlier dates are preferred. Applicants are requested to complete an on-line application (<http://www.stsci.edu/institute/employment>) and attach the following materials: CV, list of publications, and a brief statement of current and future research interests. Please include #11-0106 in the file name. Please also arrange to have three letters of reference sent to soummer@stsci.edu. Questions regarding this position are welcome and may be directed to **Remi Soummer** at **410-338-4737** [Call: **410-338-4737**] or soummer@stsci.edu. (源于 *Physics Today Job* [2011-12-06])



博士后

[美国] Lawrence Berkeley National Laboratory

The Physics Division at Lawrence Berkeley National Laboratory (LBNL) invites applications for a postdoctoral position working on the Large Underground Xenon (LUX) dark matter experiment, to begin in 2012. Learn more at <http://www.youtube.com/berkeleylab> to read about the postdocs at Berkeley Lab. Applicants should have a recent PhD in a relevant discipline. Experience in current or previous experiments in direct dark matter detection is desirable but not required. Ability to work as a team member to accomplish goals is essential. For full consideration, all application materials should be received by January 13, 2012. The position will remain open until filled. Go to <http://bit.ly/lbl73950PhysicsToday> to create a profile and submit CV, publication list, a statement of research interests, and a list of three references. Please do not apply on this site for this particular position. (源于 *Physics Today Job* [2011-12-07])



博士后

[美国] Lawrence Berkeley National Laboratory

The actinide chemistry group of the chemical sciences division has an exciting opportunity for a postdoctoral researcher who will perform x-ray absorption, x-ray emission, and resonant inelastic x-

ray scattering (RIXS) studies of strongly correlated electron systems. The materials under study run the gamut from lanthanide organometallic molecules to actinide intermetallic superconductors, and fundamental properties of elements in the periodic table. Key responsibilities: conduct experimental studies of actinide and lanthanide systems, mainly synchrotron based spectroscopic measurements; interpret data and develop the techniques used, especially RIXS; publish experimental results in scientific journals and present results at scientific meetings; assist in the preparation of research proposals. Qualifications: recent (within 3 years) PhD degree in chemistry, physics, or related field; experience in x-ray absorption spectroscopy or scattering; ability to perform research tasks independently and participate in a team environment; demonstrated records of publications in high quality peer-reviewed journals. Apply online at <http://bit.ly/lbl74013PhysicsToday> and follow the instructions to complete the application process. (源于 *Physics Today Job* [2011-12-14])



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 two 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 directly 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 three 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

[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 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 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. The postdoc will also be encouraged to pursue independent lines of research with other CGC postdocs and faculty. 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)**. (源于 *Physics Today Job* [2011-12-15])



博士后
[美国] Texas Southern University

The Physics program at the Texas Southern University College of Science is seeking post -doctoral applicants for a prestigious fellowship. Applications are open to candidates who are within three years of the date of award of their PhD. Candidates who are in the final stage of their PhD must have been awarded their degree by the time of commencing their appointment. The appointment is open to all in the areas of theoretical and computational physics or chemistry, with emphasis on computational electronic structure and computational quantum chemistry, where special emphasis will be given to those candidates well versed in quantum many -body theory. This position is to begin in October of 2011. Current research activities at the TSU Physics Department include atomic physics, molecular physics, theoretical condensed matter physics, particles and fields, intermediate energy nuclear physics and mathematical physics. Applications should include a letter of application, CV, description of current and future research interests, and at least three letters of recommendation to: **Dr. C. J. Tymczak, Department of Physics, Texas Southern University, Houston, Texas 77004, USA.** E -mail: tymczakc@tsu.edu; web -page: **Associate**

Professor, Dr. C. J. Tymczak Homepage. (源于 *Physics Today Job* [2011-12-15])



博士后
[美国] Columbia University

The Columbia University Astrophysics Laboratory invites applicants for a postdoctoral research scientist position in solar spectroscopy and related experimental atomic physics. The successful candidate will participate in a range of observational and experimental studies related to deepening their understanding of the solar corona and solar wind. The observational studies will use ultraviolet spectroscopic data from satellites such as Hinode and SOHO. A PhD in solar physics, astronomy, astrophysics, physics, plasma physics, applied physics, or a related discipline is required. A strong background is required in at least one of the following areas: solar physics, spectroscopic modeling and analysis, and/or experimental atomic physics and strong written and oral communication skills. Experience in data reduction from current or past solar spectrometers is desirable. Desired computer skills and laboratory skills. Proven research ability, evidence of future research potential and the ability to work both independently and cooperatively with others is also desirable. For further information about this project, go to <http://www.astro.columbia.edu/~savin>. Applicants should submit CV (which include a list of publications), a statement of Research, and three letters of recommendations. Review of Applications will begin January 15, 2012 and will continue until position is filled. Questions regarding this position can be addressed to **Dr. Savin at savin@astro.columbia.edu**. To apply, visit academicjobs.columbia.edu/applicants/Central?quickFind=55634. (源于 *Physics Today Job* [2011-12-15])



助理教授
[美国] Rochester
Institute of Technology

Assistant professor at the Rochester Institute of Technology website: <http://rit.edu/cos/lifesciences/> invites applications for a tenure-track position beginning August 2012. Applicants shall have a PhD in Biology or a related field; preference will be given to applicants with postdoctoral experience. The successful candidate will teach courses at the undergraduate and graduate level courses within the Bioinformatics program and the school of life sciences, and develop electives in his or her area of expertise. The candidate will be expected to develop an externally funded research program that involves undergraduate and graduate students and results in peer-reviewed publications. Applicants for this position should apply online at: <https://mycareer.rit.edu>. Search by **IRC53418**. Please upload the letter of interest, CV, a statement of research plans and goals, a statement of teaching philosophy that includes teaching experience and course preferences, and four letters of reference. For full consideration, please submit materials by 6 January 2012,

Applications will be reviewed until the position is filled. (源于 *Science* [2011-12-02])



助理教授

[美国] University of Alabama, Tuscaloosa

The University of Alabama is recruiting for a tenure-track faculty position at the assistant professor level starting August 16, 2012. The position is broadly defined as one that could require expertise in behavioral genetics, epigenetics, or computational biology. Responsibilities include undergraduate and graduate teaching, research mentoring, development of an independent research program, and pursuit of external funding. Candidates for this position should possess a PhD in biology, psychology, anthropology or related discipline, with an emphasis in neuroscience, and demonstrate potential for a distinguished scientific career. Postdoctoral training is preferred. The position targets individuals with a background in any area of behavioral genomics related to aggressive behavior in humans. To apply, go to <http://facultyjobs.ua.edu> and complete the online application. Attach a letter of application outlining qualifications, research interests, teaching philosophy, evidence of teaching effectiveness, and potential fit with the CPYBP CV; and supporting documents (teaching evaluations, up to 3 reprints, etc.). Three letters of recommendation should be mailed to **John Lochman, Chair, Behavioral, Genomics Search Committee, Center for Prevention of Youth Behavior Problems, The University of Alabama, Box 870348, Tuscaloosa, AL 35487-0348, USA.** (源于 *Science* [2011-12-09])



助理教授

[美国] University of Illinois at Urbana, Champaign

The Department of Electrical and Computer Engineering invites applications for faculty positions at all levels and in all areas of electrical and computer engineering, particularly in the areas of control and communications, circuits, energy and power systems, nanoelectronics, nanophotonics, and computing. Applications are encouraged from candidates whose research programs are in traditional as well as nontraditional and interdisciplinary areas of electrical and computer engineering. The department is engaged in exciting new and expanding programs for research, education, and professional development, with strong ties to industry. Applicants for positions at the assistant professor level must have an earned PhD or equivalent degree, excellent academic credentials, and an outstanding ability to teach effectively at both the graduate and undergraduate levels. Successful candidates will be expected to initiate and carry out independent research and to perform academic duties associated with their BS, MS, and PhD programs. Senior level appointments with tenure are available for persons of international stature. Applications can be submitted by going to <http://jobs.illinois.edu> and uploading a cover letter, CV, research statement, and

teaching statement, along with names of three references. For inquiry, call **217-333-2301** or email ece-recruiting@illinois.edu. (源于 *Physics Today Job* [2011-12-12])



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. Apply 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 online application system, applicants should also send their resume and supporting materials to 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. The successful candidate will have a track-record of outstanding research on marine phototrophic microbes such as microalgae or cyanobacteria, using molecular approaches to elucidate physiology, ecology and/or biochemistry of these microbes. 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. 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, CV, and the names of three references to: **Russell Hill, Interim Director, IMET,** by email to hill@umces.edu. (源于 *Science* [2011-12-16])



助理教授
[美国] University of Arkansas

The department of biological sciences (website: <http://biology.uark.edu>) at the University of Arkansas solicits applications for a tenure-track assistant professor working in community, ecosystem, or landscape ecology (Position Y12933). The successful candidate will have a PhD, postdoctoral experience preferred, and will be expected to establish an extramurally supported research program, supervise graduate and undergraduate research, and teach undergraduate general ecology, and advanced offerings. Review of completed applications will begin January 10, 2012, and will continue until the position is filled. Applications must include CV, statement of current and future research plans, teaching philosophy/interests, and three letters of recommendation sent independently. Electronically send applications in PDF form to: **Dr. Steven J. Beaupre** (E-mail: ecology@uark.edu), or hardcopy to: **Department of Biological Sciences, 601 SCEN, 1 University of Arkansas, Fayetteville, AR 72701, USA.** (源于 *Science* [2011-12-16])



助理教授/副教授
[美国] University at Buffalo

Positions are available immediately at the rank of assistant and associate professor (tenure-track) in bioinformatics and genomics in the School of Medicine and Biomedical Sciences at the State University of New York at Buffalo. The candidate will be appointed in a department (Biochemistry, Biomedical Engineering, Microbiology, Pathology, or Structural and Computational Biology) best matching his or her interests. They are particularly seeking individuals with outstanding biological and quantitative expertise and a successful track record of collaborating with interdisciplinary scientific teams. Successful candidates will specialize in multilevel analysis and integration of genomic, epigenomic, proteomic, or preclinical/clinical datasets, and have strong data mining abilities focused on generating testable hypotheses. Preference will be given to candidates with experience in high resolution/high-throughput data analysis, including the development and application of bioinformatics/computational tools to complex genetic disease, metagenomics, infectious disease, oncology, model systems and translational biomedical research. Candidate Requirements: The successful applicants will have a PhD, or MD/PhD in bioinformatics, computational biology genomics or related field with postdoctoral and professional experience appropriate to the rank of the appointment. Duties include development of an independent research program, and teaching undergraduate, graduate, and professional students. Competitive startup packages are available. Applications: Applications for this position will only be accepted online. To apply, visit: www.ubjobs.buffalo.edu/applicants/Central?quickFind=54111. (源于 *Science* [2011-12-09])



助理教授/副教授/教授
[美国] University of Southern California

The University of Southern California seeks outstanding candidates for tenure-track assistant professor, tenured associate professor or tenured professor positions with available start date of August 16, 2012. An area of specific interest is biodynamical systems, and those with an experimental component to their research are particularly encouraged to apply. They seek candidates who will provide leadership in research, scholarship, and teaching in the emerging field of biodynamical systems, broadly interpreted, and will be active participants in the core teaching mission of the department. They also are interested in exceptionally accomplished candidates who can be transformational faculty members in aerospace and mechanical engineering or who work in interdisciplinary areas cutting across other departments in the school and university. Applicants must have earned a PhD or the equivalent in a relevant field by the beginning of the appointment and have a strong research and publication record. Applications must include a letter clearly indicating area (s) of specialization, a detailed CV, a concise statement of current and future research directions, a teaching statement, and contact information for at least four professional references. This material should be submitted electronically to: <http://viterbi.usc.edu/facultyapplications/bdsapp/>. Early submission is strongly advised and encouraged as the application review process will commence January 3, 2012. (源于 *Physics Today Job* [2011-12-05])



助理教授/副教授/教授
[美国] Baylor University

The department of computer science seeks a productive scholar and dedicated teacher for a tenure-track position beginning August, 2012. The ideal candidate will hold a terminal degree in computer science or closely related field, demonstrate scholarly capability and an established and active independent research agenda in one of several core areas of interest, including, but not limited to, game design and development, software engineering, computational biology, machine learning or large-scale data mining. A successful candidate will also exhibit a passion for teaching and mentoring at the graduate and undergraduate level. For position details and application information, visit <http://www.baylor.edu/hr/index.php?id=81302>. Interested candidates may contact any faculty member to ask questions and/or visit the web site of the school of engineering and computer science at <http://www.ecs.baylor.edu>. Applications, including detailed CV, a statement demonstrating an active Christian faith, and contact information for three references should be sent to: **Chair Search Committee, Department of Computer Science, Baylor University, One Bear Place #97356, Waco, TX 76798-7356, USA.** Appointment Date: Fall 2012. For full consideration, applications should be received by January 1, 2012. (源于 *Physics Today Job* [2011-12-12]) (责任编辑 孙杨慧(实习生),秦政)