

RECRUTEMENT

Pour tous renseignements sur des publicités dans le *Courrier CERN*, les dates de publication ou les dates limites, veuillez nous contacter:

Institute of Physics Publishing, Dirac House, Temple Back, Bristol BS1 6BE, UK. Tel: +44 117 930 1026, Fax: +44 117 930 1178

Tarifs par centimètre/colonne: Monochrome £30, 2-couleur £36, 4-couleur £38.

Duke University

Tenure-Track Faculty Position Experimental High Energy Physics.

The Duke University Department of Physics has an opening for a tenure-track Assistant Professor position in experimental high-energy physics. The Duke research program focuses primarily on the CDF and ATLAS experiments. The HEP group currently consists of four faculty, one research faculty, five-post-doctoral scientists, plus technical support staff and graduate students. Our activities include data analysis from the CDF experiment, preparations for the CDF detector upgrade, and design and construction of the transition radiation tracker for ATLAS at the LHC with eventual participation in the experiment. Applicants for this position should be capable of taking on major responsibilities in these experiments, and be committed to excellence in undergraduate and graduate teaching at Duke.

The position is available starting September 2000. Applications received by 15 January 2000 will be guaranteed full consideration. Please send a resume, research statement and list of publications and three letters of reference to:

High Energy Physics Search Committee, c/o Ms. Pat Hoyt, (hoyt@hep.phy.duke.edu), Physics Department, Box 90305, Duke University, Durham, NC, 27708-0305, USA.

Duke University is an affirmative action/equal opportunity educator and employer.



DESY is a physics research laboratory with 1400 employees and more than 3000 guest scientists from Germany and abroad. The scientific programme includes research in particle physics and synchrotron radiation.

DESY invites applications for the position of an

Experimental Physicist

The candidate is expected

- to take responsibility for the commissioning of a component of the HERA-B detector at the electron-proton accelerator HERA
- to take on a leading role in the research program and data analysis in the HERA-B collaboration.

Applicants should have a Ph.D. degree in physics, several years experience in experimental elementary particle physics and be active in the research in this field. They should have an established record in the analysis of particle physics experiments and be able to coordinate the work in close collaboration with the physicists and technicians of the HERA-B experiment.

The appointment will be indefinite with a salary according to federal tariffs Ib/Ia (depending on experience and ability).

Letters of application including a curriculum vitae, list of publications and the names of three referees should be sent to:

DESY, Personalabteilung, Notkestraße 85, D-22607 Hamburg, by December 31st, 1999 Code-No. 100/99

Handicapped applicants will be given preference to other applicants with the same qualifications. Women are especially encouraged to apply for this position.

Texas A&M University Cyclotron Institute Postdoctoral Positions

Applications are invited for postdoctoral positions in experimental nuclear physics at the Texas A&M University Cyclotron Institute. Initial appointments would be for one year with normal renewal for one or two additional years. The scientific program at the Institute is built around a K500 superconducting cyclotron. Ancillary equipment includes a high-resolution spectrometer, a recoil ion spectrometer and high efficiency arrays for detecting neutrons, gamma rays and charged particles. Positions are available in the areas of giant resonance studies, weak interactions and intermediate energy heavy ion reactions. Applicants should send a curriculum vitae and arrange to have three letters of reference sent to Prof. J. B. Natowitz, Director, Cyclotron Institute, Texas A&M University, College Station, TX 77843-3366.

Texas A&M University is an equal opportunity employer and encourages applications from women and minorities.

ACCELERATOR PHYSICIST

TRIUMF, Canada's national research facility for particle and nuclear physics, is seeking a junior to intermediate Accelerator physicist to take responsibility for operational and developmental aspects of the 500 MeV cyclotron, and the 1.5 MeV/u linear accelerator for exotic ions.

Qualified applicants will have a relevant PhD in physics or engineering physics, or the equivalent education, with demonstrated, practical hands-on experience acquired in an accelerator laboratory. Ideally, the post-graduate degree, or previous work experience, will be in the fields of beam physics or accelerator physics, preferably with cyclotrons or linear accelerators. Previous laboratory experience will include familiarity with beam dynamics or optics, rf accelerator structures, instrumentation and diagnostics. Familiarity with beam transport lines, high voltage devices, superconducting structures, controls, beam techniques and safety standards will be considered an asset. The successful candidate will have demonstrated initiative, sound judgement, and excellent interpersonal skills. A strong academic background with thorough knowledge of electromagnetism, and a basic knowledge of accelerator engineering and physics, are essential.

TRIUMF is an equal opportunity employer offering a salary commensurate with experience, and a competitive benefit package. All qualified applicants are invited to submit their resumes by November 30, 1999, quoting competition number 756-0826 to:

TRIUMF
MESON RESEARCH FACILITY

TRIUMF, Attention:
Human Resources,
4004 Westbrook Mall,
Vancouver, BC V6T 2A3
Fax: (604) 222-1074

Humboldt University Berlin

PhD Positions

at the Institute for Physics of the Humboldt University Berlin in experimental and theoretical particle physics are available within the "Graduiertenkolleg". 'The Standard Model of Particle Physics - analyses of its structure, precision tests and extensions'.

The experimental physics programme includes the projects HERA-B, L3, LHC-B, CMS and studies of neutrino oscillations. The theoretical groups work on Superstrings, SUSY, nonperturbative QCD, lattice gauge theories and phenomenological applications of the Standard Model.

Requirements: Diploma or Master degree in physics with excellent grades, good knowledge of English.

For more information see <http://qft3.physik.hu-berlin.de/luest.gkteilchen.html>

Electrical Systems - Section Head National Synchrotron Light Source (NSLS)

Brookhaven National Laboratory's National Synchrotron Light Source Department has an opening for a Scientist/Engineer to serve as a member of the NSLS management team and provide guidance and technical support to a group of 50 people. This group provides electrical and computer support in the operating maintenance and upgrading of the NSLS machines. A PhD in Physics, MS or PhD in Engineering, or an equivalent combination of education and experience is necessary.

Requirements include a track record of success in the development or operation of an accelerator complex or a similar facility and a strong record of technical accomplishments and experience in one or more of the following: particle beam physics, beam diagnostics, dc and pulsed magnets, ion sources and injectors, pulsed power, high-voltage systems, rf systems and accelerator engineering. Experience in theory or practical aspects of circular accelerators or storage rings and experience in project management - accelerator engineering is necessary. Demonstrated excellence in technical and project leadership; excellent management and interpersonal skills, including career development and mentoring; and proven ability to work harmoniously and effectively with scientists, engineers, and technicians are required.

Brookhaven offers a stimulating work environment and a comprehensive benefits package. For consideration, please forward your resume, referring to Position #NS 8438CC, to: Nancy L. Sobrito, Brookhaven National Laboratory, Bldg. 185-HR, P.O. Box 5000, Upton, New York 11973; fax: 516-344-7170; e-mail: Sobrito@bnl.gov. We are an equal opportunity employer.

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www.bnl.gov



FACULTY POSITION IN EXPERIMENTAL HIGH ENERGY PHYSICS

Department of Physics
Université Catholique de Louvain

The Rector of the Catholic University of Louvain (UCL) in Louvain-la-Neuve, Belgium, invites applications for a full-time academic position beginning in fall 2000. Applicants will have a Ph.D. or equivalent and postdoctoral experience in experimental elementary particle physics.

The appointed person is expected to teach physics courses in the university and play a leading role in both shaping and implementing the research program in experimental high energy physics. This program presently includes the study of neutrino-induced reactions and neutrino oscillations. The high-energy group is also actively engaged in preparing the CMS experiment at the future LHC accelerator at CERN. All these activities are pursued within national and international collaborations.

Only a good knowledge of English is required initially but, since the appointed candidate is to teach in French, she/he should acquire a reasonable command of the language within two years. Rank and salary will depend upon qualification and experience.

The successful candidate should sustain a strong program of research with significant undergraduate and graduate involvement. Although she/he will be primarily based in Louvain-la-Neuve, her/his research within the high-energy group will imply stays abroad to take an active part in the various collaborations.

Candidates should submit a letter of application, a curriculum vitae, a list of publications, three letters of recommendation and a copy of their five most representative publications to be sent to:

Professor M. Crochet, Rector, The Catholic University of Louvain, Halles Universitaires, place de l'Université 1, B-1348-Louvain-la-Neuve, Belgium.

The closing date for applications is December 15, 1999.

For further information, please consult:

<http://www.phys.ucl.ac.be/Offresphys.html>

You can also write or call Prof. J.M. Gerard, Chairman of the Department of Physics, chemin du Cyclotron 2, B-1348-Louvain-la-Neuve, Belgium.
Tel. +32-10-473305. Fax +32-10-472414.

SELF-ASSESSMENT/QUALITY ASSURANCE OFFICER (Position #DR3301)



Jefferson Lab, located in Newport News, VA, is a world-class scientific laboratory centered around a high-intensity, continuous wave electron beam, which provides a unique capability for nuclear physics research.

Currently, we have an excellent opportunity for a Self-Assessment/Quality Assurance Officer to work in our Office of Technical Performance. The successful candidate will develop Self-Assessment, Quality Assurance, and Continuous Improvement policies for approval by Jefferson Lab (JLab) management and facilitate the implementation of approved policies. Incumbent will conduct Quality Assurance audits and inspections; identify conditions which neither meet standards nor support laboratory missions and key functions; recommend corrective and improvement actions to management; monitor progress on action plans; interface with the Department of Energy on Self-Assessment, Continuous Improvement, and Quality Assurance issues; and analyze related DOE orders, proposed regulations, and other documents, and recommend actions to JLab management.

The minimum qualifications for this position are a BS Degree in Mechanical, Electrical, or Civil Engineering; Applied or Engineering Physics; or Physics; MS or Ph.D. preferred. Twelve years of applicable experience, at least five years of which have been in the construction and/or operation of a complex technical facility. Effective negotiating skills and familiarity with government regulations. Excellent analytical, problem solving, decision making, and verbal and written communications skills. Experience in Self-Assessment, Quality Assurance, Continuous Improvement, and interaction with U.S. Government agencies preferred.

The starting annual salary range for this position is \$68,600 - \$108,400. We are located near Colonial Williamsburg and the Chesapeake Bay. For prompt consideration, please send resume and salary history to: Jefferson Lab, ATTN: Employment Manager, 12000 Jefferson Avenue, Newport News, VA 23606. Please specify position number and job title when applying.

An Equal Opportunity, Affirmative Action Employer

University of California, Riverside Open Faculty Position in Experimental High Energy Physics

The Department of Physics at the University of California, Riverside invites highly qualified applicants to apply for a new faculty position in *experimental high energy physics*. This is an "open level" position and may be filled at any academic level including the senior level. The appointment will be effective July 1, 2000. The Department is seeking outstanding candidates with exceptional research records and demonstrated excellence in teaching. The successful candidate is expected to establish a leading edge research program involving graduate students and contribute to department teaching at all levels. In high energy physics the current research programs include OPAL at LEP, D-Zero at the Tevatron and CMS at the LHC. In neutrino physics, faculty are working on the LSND experiment at Los Alamos and BooNE at Fermilab. Candidates for this position are required to have a Ph.D. or equivalent degree in physics. Salary will be competitive and commensurate with qualifications and level of appointment. Candidates should submit a letter of application, a curriculum vitae, evidence of teaching skills and evidence of an outstanding research program. They should also arrange to have three letters of reference sent to the Department and be willing to submit additional references on request. Letters should be sent to:

**Chair, Search Committee
Experimental High Energy Physics
Department of Physics
University of California
Riverside, CA 92521**

Full review of applications will begin January 17, 2000. Applications received after this date will be considered on a case-by case basis until the position is filled.

The University of California is an Equal Opportunity/Affirmative Action Employer.



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

L'Ecole Polytechnique Fédérale de Lausanne (EPFL) met au concours un poste de:

Professeur/e assistant/e en théorie de la représentation de l'information visuelle au Département d'électricité

Le/la titulaire possédera une solide expérience professionnelle dans la représentation de l'information visuelle, notamment dans la théorie de l'information et des communications, dans la modélisation et dans les technologies multimédias. Une bonne connaissance des mécanismes de la vision humaine et une expérience dans la recherche fondamentale en traitement et représentation de l'information visuelle seraient particulièrement appréciées. Les activités s'intégreront dans celles du Laboratoire de traitement des signaux du Département d'électricité, en collaboration avec d'autres unités de l'EPFL ainsi qu'avec des institutions universitaires nationales et internationales. Reconnus/es sur le plan international, les candidats/es doivent faire preuve d'une expérience de recherche originale, créative et de très haut niveau. Des aptitudes pour l'enseignement à tous les niveaux sont indispensables puisqu'ils/elles seront appelés/es à donner des cours, suivre des projets d'étudiants, des travaux de diplôme et de thèse; ils/elles posséderont des capacités confirmées dans la conduite et la gestion de projets.

L'EPFL compte environ 4000 étudiants et 750 candidats au doctorat. L'EPFL est composée de 12 départements dans les principaux domaines des sciences de l'ingénieur. Les candidatures des personnes correspondant aux exigences du programme "relève" de la Confédération suisse sont également encouragées.

Délai d'inscription : 20 janvier 2000. Entrée en fonction: à convenir. Les candidatures féminines sont particulièrement bienvenues. Les personnes intéressées voudront bien demander, par écrit, le dossier auprès de la **Présidence de l'Ecole polytechnique fédérale de Lausanne, CE-Ecublens, CH-1015 Lausanne, Suisse, ou par télécopie au no +41 21 693 70 84.**

Des informations supplémentaires peuvent être obtenues sur le web:
<http://www.epfl.ch>, <http://dewwww.epfl.ch/>,
<http://admwww.epfl.ch/pres/profs.html> ou
<http://research.epfl.ch/>

The Nuclear Physics Laboratory

at the University of Illinois at Urbana-Champaign

has an immediate opening for a Research Faculty position open at all levels from Research Assistant Professor to Research Professor. This is a 12-month appointment, salary commensurate with experience. The current research program is centred around the following experiments: GO at JLab, g-2 at BNL, muon lifetime at PSI, HERMES at DESY, photonuclear measurements and real Compton scattering at JLab.

The successful candidate would be expected to focus initially on the GO experiment. Candidates should have a Ph.D. in experimental nuclear or particle physics and relevant experience.

For full consideration, applications should be received by **Dec. 1, 1999**. Please send applications by regular mail to: **Prof. D. H. Beck, Search Committee Chair, Department of Physics, University of Illinois at Urbana-Champaign, 1110 West Green Street, Urbana, IL 61801-3080.**

The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

Scientist Position in CMS -(Project Manager for Software and Computing)- Fermi National Accelerator Laboratory

The Fermi National Accelerator Laboratory is filling a Scientist position. The search is for a Project Manager for the Software and Computing project in the United States for the Compact Muon Solenoid (CMS) experiment at the Large Hadron Collider at CERN. Fermilab will host the main computer resources and the data repository for US scientists participating in CMS. Duties include overall executive responsibility for the successful planning, implementation, and commissioning of computing resources and of the participation of US scientists in the CMS wide development of the software.

The successful candidate will lead a project with an organization of scientists and technical professionals; coordinate the preparation of schedules, cost estimates and technical specifications and the presentation of reports; and make presentations to management regarding project progress and status against established milestones.

A Ph.D. in Physics or its equivalent is required. Management and organizational skills in a highly technical environment are essential, as is exposure to science based on large facilities and dispersed collaborations of scientists. Candidates should have demonstrated experience in scientific leadership and project management skills necessary to lead and direct the project, meeting agreed upon requirements and schedule and exercising budget authority. A strong interest in experimental high-energy physics and a proven reputation in the field are also necessary. Candidates should possess a broad and deep understanding of the present state of computing technologies and the trends that project these technologies into the future. Applicants for Fermilab position #990152 should submit curriculum vitae, a list of publications, a letter expressing interest and describing related experience and a list of at least three references to:

**Dr. Matthias Kasemann • MS 370
Fermi National Accelerator Laboratory • P.O. Box 500
Batavia, IL 60510 • USA**

Applications should be submitted as soon as possible. A Search Committee will review submissions and invite selected applicants for interviews at Fermilab.

The U.S. Department of Energy funds the experimental program at Fermilab through a contract with Universities Research Association, Inc., which manages and operates the Laboratory. Fermilab is an Equal opportunity Employer. The Laboratory has a competitive program of benefits.



Fermilab

LIGO

Research Positions LIGO Laboratory

The Laser Interferometer Gravitational-Wave Observatory (LIGO) project is an effort led by Caltech and MIT scientists to establish a gravitational-wave observatory, consisting of two facilities with laser interferometric detectors located at Hanford, Washington and Livingston, Louisiana.

Scientists will be involved in the commissioning and operation of LIGO itself, analysis of data, both for diagnostic purpose and astrophysics searches, as well as a vigorous R&D program for future detector improvements. Appointments will be at the post-doctoral level with one year initial appointments and the possibility of two subsequent one year appointments at the same rank. In some cases, appointments with an initial term of three years or of an indefinite term, may be considered. Appointment is contingent upon completion of all requirements for Ph.D.

Applications for positions at any LIGO Laboratory site (MIT, Caltech, Hanford, or Livingston) should be sent either to:

**Professor Barry C. Barish, California Institute of Technology,
LIGO 18-34, Pasadena, CA 91125, or to
Professor Rainer Weiss, MIT, LIGO Project, NW17-161, 175
Albany Street, Cambridge MA 02139-4307.**

Applicants should request that three or more letters of recommendation be sent directly to the attention of Professor Barish or Professor Weiss. Consideration or applications will begin on December 1, 1999 and will continue until all positions have been filled.

Caltech and MIT are Affirmative Action/Equal Opportunity Employers. Women, Minorities, Veterans, and Disabled Persons are encouraged to apply

Additional information: <http://www.ligo.caltech.edu>



JUSTUS-LIEBIG UNIVERSITÄT GIESSEN STELLENAUSSCHREIBUNG

Im Fachbereich 07 (Mathematik, Physik, Geographie) ist ab sofort eine Stelle mit einer/einem

Wissenschaftlichen Mitarbeiterin/Mitarbeiter BAT IIa am II. Physikalischen Institut (Prof. Dr. Metag)

als Zeitangestellte/Zeitangestellter gemäß §§ 57a ff. HRG und § 82 HHG mit Gelegenheit zu eigener wissenschaftlicher Weiterbildung befristet (zunächst für 3 Jahre mit Verlängerungsmöglichkeit um höchstens 2 Jahre) zu besetzen. Vollzeitstellen sind nach dem Hessischen Gleichberechtigungsgesetz grundsätzlich teilbar.

Aufgaben: Eigene wissenschaftliche Weiterbildung; hochschuldidaktische Qualifizierung; wissenschaftliche Dienstleistungen zur Organisation, zur Vorbereitung und zur Durchführung von Forschung und Lehre gemäß § 82 Abs. 1 HHG vor allem Mitarbeit bei Experimenten der Mittlereenergiephysik mit dem Dileptonenspektrometer HADES am Schwerionenbeschleuniger SIS der GSI (Darmstadt) und mit dem Photonenpektrometer TAPS an den Elektronenbeschleunigern MAMI in Mainz und ELSA in Bonn. Zu den Aufgaben gehört außerdem die Mitarbeit bei der Durchführung der physikalischen Praktika, bei der Betreuung von Diplom- und Doktorarbeiten sowie die Mitwirkung bei Seminaren.

Voraussetzungen: Abgeschlossenes Hochschulstudium im Fach Physik und Promotion in Experimentalphysik. Erwünscht sind fundierte Kenntnisse in der Vorbereitung, Durchführung und Analyse komplexer Multiparameterexperimente der Mittlereenergiephysik.

Die Justus-Liebig-Universität Gießen strebt einen höheren Anteil von Frauen im Wissenschaftsbereich an; deshalb bitten wir qualifizierte Wissenschaftlerinnen nachdrücklich, sich zu bewerben. Aufgrund des Frauenförderplans besteht eine Verpflichtung zur Erhöhung des Frauenanteils. - In Ihrer Bewerbung geben Sie bitte an, ob Sie eine Teilzeitbeschäftigung wünschen oder gegebenenfalls akzeptieren würden. Ihre Bewerbung richten Sie bitte unter Angabe des Aktenzeichens Y 440/99 mit den üblichen Unterlagen bis zum 17.12.1999 an den **Präsidenten der Justus-Liebig-Universität Gießen, Ludwigstr. 23, D-35390 Gießen**. Bewerbungen Schwerbehinderter werden - bei gleicher Eignung - bevorzugt.

UNIVERSITY OF REGINA THEORETICAL SUBATOMIC ASTROPHYSICS

The Department of Physics invites applications for a tenure-track position at the Assistant Professor level, starting July 1, 2000.

At present, our department's research activity is centered upon experimental and theoretical subatomic physics, and our preference is for the successful applicant to have expertise in theoretical particle or nuclear astrophysics, although exceptional candidates in theoretical particle physics or cosmology will also be considered. We anticipate that the next opening in the department will be in this area as well. **More information on our department can be found at: <http://www.phys.uregina.ca>.** At least two years of postdoctoral research experience is a requirement for this position. The successful applicant is expected to conduct a vigorous and significant research program securing external funding, and to teach effectively at both the undergraduate and graduate levels.

Applicants should submit their curriculum vitae, a discussion of research interests, and have three letters of reference sent directly to: Chair of the Search Committee, Department of Physics, University of Regina, Regina, SK S4S 0A2, Canada.

In accordance with Canadian Immigration requirements, priority will be given to citizens and permanent residents of Canada, however, citizens of all countries are invited to apply. The closing date for receipt of applications is January 15, 2000.

The University of Regina is committed to employment equity.

COMPUTER ANALYST

Brookhaven National Laboratory's U.S. ATLAS Project seeks a computer analyst with an advanced degree in Physics, or related field. Substantial experience in developing software algorithms using object-oriented programming languages for high energy or nuclear physics is required. Experience with UNIX systems, modern programming techniques, tools and languages, large scale data processing, and use of relational and object-oriented databases is highly desirable. Responsibilities include contributing to the design, development and implementation of the software infrastructure, and to assist Physicists in the software development effort.

Brookhaven offers a stimulating work environment and an excellent benefits package. For consideration, please forward your resume, indicating position #NS8734, to:

**Nancy L. Sobrito,
Brookhaven National
Laboratory, Bldg.
185-HR, P.O. Box 5000,
Upton, NY 11973-5000;
email: Sobrito@bnl.gov;
fax 516-344-7170.**

*BNL is an equal opportunity
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PHYSICIST

The Omega Group of the Physics Department at Brookhaven National Laboratory presently has a staff, position available to work on the DO experiment at the Fermilab Tevatron. The collaboration is currently in the process of upgrading the detector in preparation for Run II with the Main Injector, which is scheduled to begin in the spring of 2000. The Laboratory is playing a leading role in both the software and hardware efforts associated with this upgrade including offline software (tracking, vertexing, calorimeter and preshowers), online software and controls, and fabrication and commissioning of the Forward Preshower Detector. In addition to being expected to contribute to one or more of these technical projects, the successful candidate will be encouraged to actively pursue a physics topic with other BNL scientists or others in the collaboration requires a Ph.D. or equivalent in Experimental Particle Physics, Under the direction of H Gordon.

CV's list of publications, and three letters of reference, indicating position #MK8735, should be forwarded to:

**M. Kipperman, Brookhaven
National Laboratory,
Bldg. 185, PO Box 5000,
Upton, NY 11973-5000.**

*BNL is an equal opportunity employer
committed to workforce diversity. We
strongly encourage applications from
women and minorities in physics.*

**BROOKHAVEN
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CERN COURIER RECRUITMENT BOOKING DEADLINE

December: 12 November

Contact Chris Thomas:

Tel: +44 (0)117 9301031 **Fax:** +44 (0)117 9301178

E-mail: chris.thomas@iopppublishing.co.uk



UNIVERSITY OF VICTORIA

POSTDOCTORAL RESEARCH POSITION EXPERIMENTAL HIGH ENERGY PHYSICS

The High Energy Physics Group at the University of Victoria has an opening for a Research Associate to work on the BaBar experiment at the SLAC B Factory. Our group is part of the team which has ongoing responsibilities for the BaBar Drift Chamber. The successful applicant will write BaBar reconstruction software in C++, participate in data taking and play a leading role in physics analysis. A recent Ph.D. in experimental particle physics is required with demonstrated software and data analysis experience. This position is a two-year appointment, with the possibility of renewal. Candidates should supply a CV, with list of publications, description of research interests and three letters of reference to:

Professor J. M. Roney
Department of Physics and Astronomy
University of Victoria
Box 3055 Stn CSC
Victoria, B.C.
CANADA
V8W 3P6

This position will be filled as soon as a suitable candidate is identified.

Enquiries may be sent by e-mail to: mroney@uvic.ca

The University of Victoria strongly encourages applications from women, persons with disabilities, visible minorities, and aboriginal persons. In accordance with Canadian immigration requirements, this advertisement in the first instance is directed to Canadian citizens or permanent residents. However, all suitably qualified physicists are encouraged to apply.



UNIVERSITY OF CALIFORNIA, SANTA BARBARA DEPARTMENT OF PHYSICS

Faculty Position in Experimental High Energy Physics

The Department of Physics at the University of California, Santa Barbara invites applications for a faculty position in experimental high-energy physics. The appointment can be made at any academic level from assistant to full professor, and outstanding candidates for any of these levels are encouraged to apply. The UCSB HEP program currently consists of groups working on heavy-quark physics (BaBar and CLEO) and dark-matter searches (CDMS II). We seek candidates with outstanding ability in both instrumentation and data analysis, and new experimental initiatives are welcome. The UCSB HEP group has excellent technical resources and staff, as well as a long history of major detector construction projects and analysis results. Information about our program is available at <http://hep.ucsb.edu>.

Candidates for the position should have a Ph.D. or equivalent degree in physics, an outstanding record of scholarship and should be committed to excellence in teaching. Candidates should submit a statement of current research interests and pursuits, a curriculum vitae, and a list of publications and should arrange for at least three letters of recommendation to be sent to:

High Energy Search Committee
Attn: Prof. Jeffrey Richman, Department of Physics,
University of California, Santa Barbara, CA, 93106
(E-mail: richman@charm.physics.ucsb.edu)

Applications will be considered starting January 1, 2000 and will be accepted until the position is filled.

*The University of California is an Equal Opportunity/Affirmative Action
Employer committed to excellence through diversity.*

DIVISIONAL FELLOW PHYSICIST IN NUCLEAR THEORY

The Nuclear Science Division of the **Lawrence Berkeley National Laboratory** invites applications for a position in the Nuclear Theory Group. The appointment will be at the level of a Divisional Fellow for a term of five years with the expectation of promotion to Senior Scientist upon successful review. Candidates should have a Ph.D. or equivalent experience in theoretical, nuclear, particle physics, or astrophysics, and should have a demonstrated record of outstanding and creative research ability with great promise and potential for leadership.

The current research program by active members in the Nuclear Theory Group at LBNL is primarily focussed on theoretical studies of high-energy nuclear collisions. This new position is intended for diversification into other areas such as astrophysics, nuclear structure, strong interaction, and weak interaction, which will complement the existing theoretical program and help to enhance the Nuclear Science Division's broad experimental programs.

Applicants are requested to submit their curriculum vitae, list of publications, statement of research interests and accomplishments, and the names of at least four references before the closing date of December 31, 1999 via e-mail (our preferred method) to: **employment@lbl.gov (no attachments please). Reference NS011239/JCERN. Or mail to: Lawrence Berkeley National Laboratory, One Cyclotron Road, MS 937-0600, Berkeley, CA 94720. Or FAX: (510) 486-5870.** Berkeley Lab is an AA/EEO Employer.



UNIVERSITY OF MINNESOTA

Research Associate in Theoretical Nuclear Physics

The nuclear theory group at the University of Minnesota expects to have a postdoctoral research associateship available beginning in the fall of 2000. A Ph.D. in physics, or the equivalent, is required by the date of appointment. The permanent group members are Paul Ellis, Joseph Kapusta and Yong Qian and their current interests include QCD, RHIC and nuclear astrophysics. Appointments are made for one year and normally are renewable for a second, subject to funding and performance. A vita and three letters of recommendation should be sent by postal mail to **Professor Joseph Kapusta, School of Physics and Astronomy, University of Minnesota, Minneapolis, MN 55455.** Further details may be obtained by e-mail Kapusta@physics.spa.umn.edu. The application deadline is February 1, 2000.

The University of Minnesota is an equal opportunity educator and employer.

URGENT RECRUITMENT?

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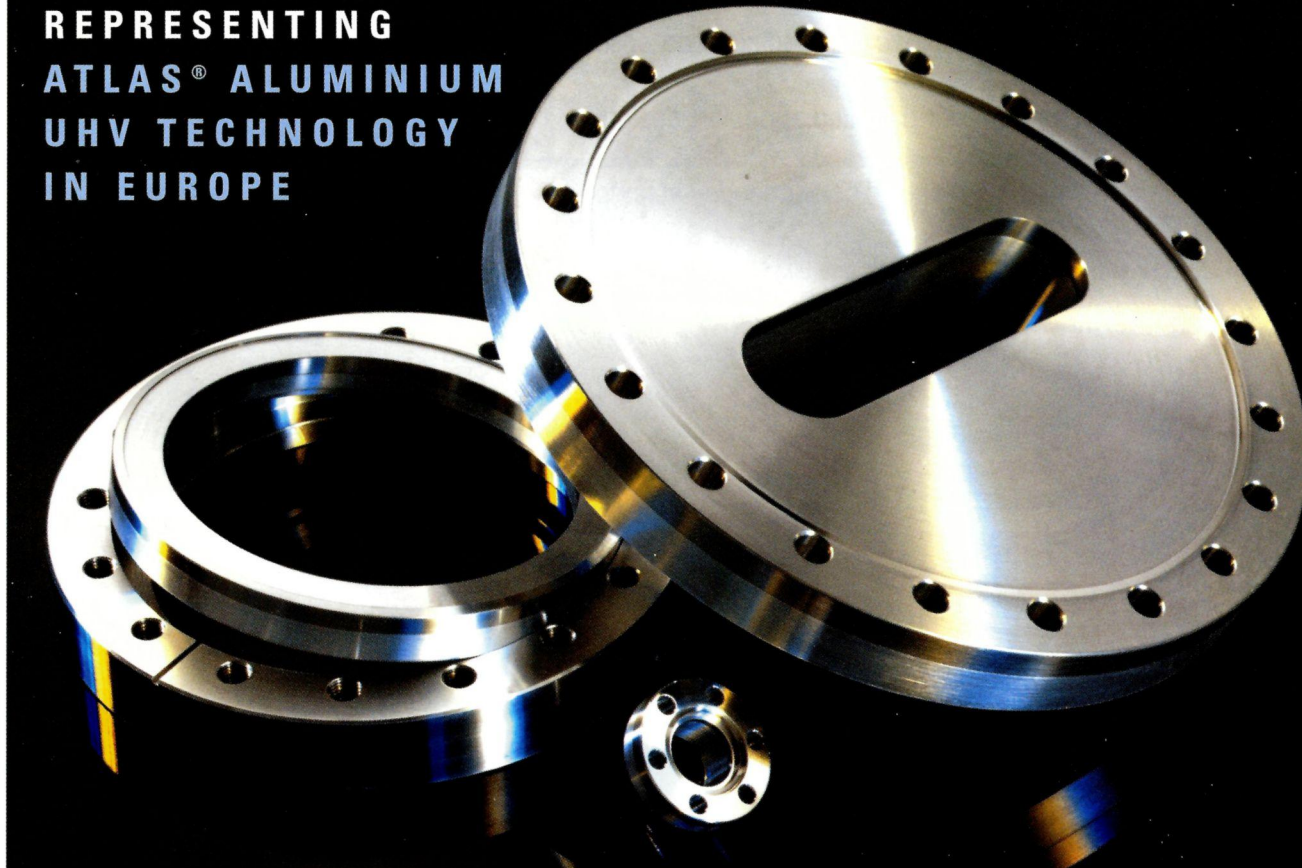
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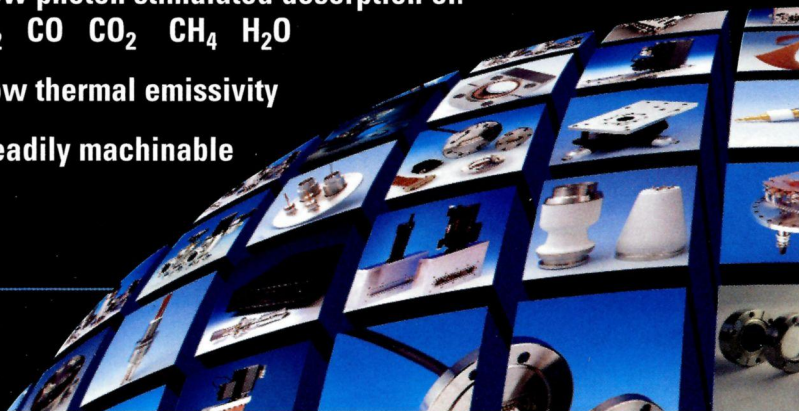
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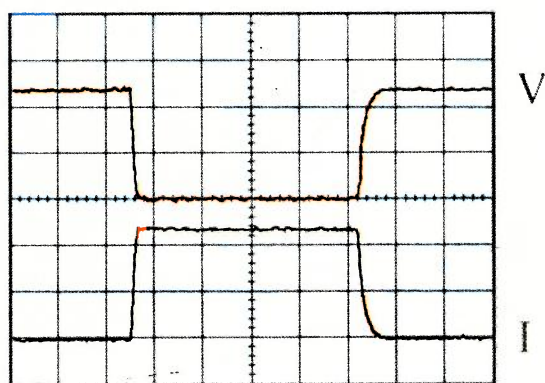


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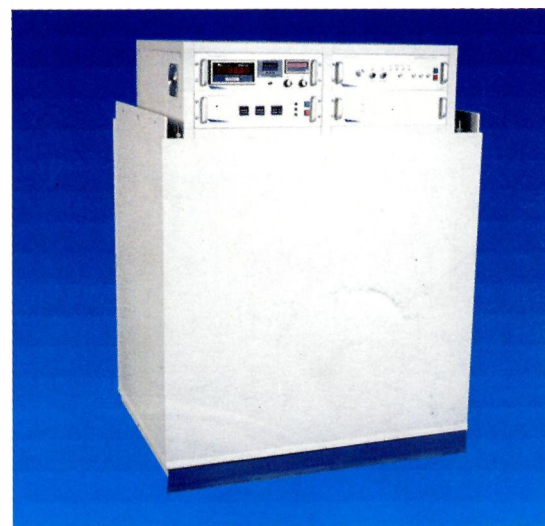
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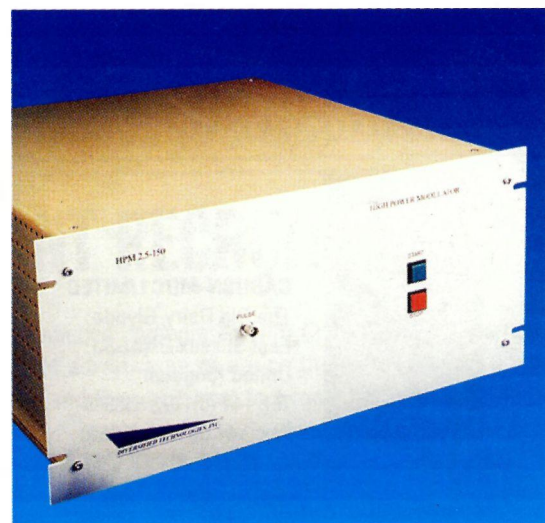
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