

From: "Lopez, Jorge" <jorgelopez@utep.edu>
Subject: NSHP News: Apr. 12, 2011
Date: April 12, 2011 12:19:17 PM CDT
To: undisclosed-recipients;

The Hispanic Physicist

A news service of the National Society of Hispanic Physicists
Please send news, congratulations, etc. to Dr. Jorge A. Lopez, jorgelopez@utep.edu
or upload job opportunities in our web site: <http://www.hispanicphysicists.org>

- 1. Associate Professor in Experimental Optical Physics, ICF-UNAM, Mexico**
 - 2. 10th Exotic Beam Summer School, July 25-30, 2011, East Lansing, Michigan**
 - 3. Senior Research Associate, Cornell Laboratory for Sciences and Education ****E-Address corrected******
 - 4. Nominations requested, for Fellow of the American Physical Society through FIP**
 - 5. Nominations requested, for membership of APS' FIP**
 - 6. Fulbright Scholar Opportunities in East Asia and the Pacific – Webinar**
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1. Associate Professor in Experimental Optical Physics, ICF-UNAM, Mexico

Salary: 30,000.00 - 40,000.00
Location: Cuernavaca, Morelos, Mexico
Employer: ICF-UNAM Level: Internship
Sector: Academic Years of Relevant Work
Experience Required: 2+ to 5 years
Work Function: Research and Development
Discipline Physics: Optics and Laser, Physics: Photonics,
Physics: Physics
Required Education: Doctorate
Employer Information
About ICF-UNAM

The Instituto de Ciencias Físicas-UNAM (ICF) is devoted to basic and applied, theoretical and experimental research in physics and related sciences and to human resource formation. It is situated in Cuernavaca, a small city south of Mexico City. Current research interests include advanced materials, laser assisted atomic and molecular collisions, polymers and colloids, biophysics, solid state and surface physics, surface, non-linear and mathematical optics, astrophysics, celestial and planetary mechanics, statistical mechanics, classical and quantum chaos.

The Instituto de Ciencias Físicas de la Universidad Nacional Autónoma de México (ICF-UNAM) will hire two Associate Professors to develop a new optics lab. Applicants with a Ph. D. and with expertise in linear or non-linear optics, surface optics, laser physics, ultrafast phenomena, optical spectroscopy, or other relevant areas of optics are encouraged to apply. Applicants are expected to develop a modern interdisciplinary optics research laboratory and to establish collaborations with other experimental and theoretical groups in our Institute. ICF-UNAM, situated close to Mexico City in Cuernavaca, is devoted to research and teaching in physics and

related sciences. Ongoing projects include advanced materials, biophysics, plasma physics, laser assisted molecular collisions, colloid and polymer science, non-linear optics, non-equilibrium statistical mechanics, quantum and classical chaos. Income is in the range \$30,000-\$40,000 usd annual and benefits include medical coverage. The contract is renewable yearly and tenure and promotion may be obtained after the third renewal. One position will be occupied as soon as the candidate is chosen after May 1, 2011. The second position will be occupied after September 1, 2011.

Applicants should send by courier post their CV, publication list, a brief summary of their scientific achievements, two letters of recommendation, their research proposal and equipment requirements by May 1 to Dr. Ivan Ortega Blake, Instituto de Ciencias Físicas de la UNAM, Av. Universidad s/n, 62251 Cuernavaca Morelos México, <mailto:direccion@fis.unam.mx>, <http://www.fis.unam.mx/>.

NOTES: 2 openings. International Candidates Will Be Considered. Additional Salary Information: Income consists of salary plus university and government paid performance bonus

2. 10th Exotic Beam Summer School, July 25-30, 2011, East Lansing, Michigan

10th Exotic Beam Summer School, July 25-30, 2011, National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, Michigan, USA. APPLICATION DEADLINE: APRIL 15, 2011.

http://fribusers.org/4_GATHERINGS/2_SCHOOLS/2011/EBSS2011.html

The tenth Exotic Beam Summer School will be held at NSCL, Michigan State University from July 25-July 30, 2011 (opening reception on the evening of Sunday, July 24). The aim of the school is to educate young researchers on the excitement and challenges of radioactive ion beam physics. Through these schools, the research community will be able to more fully exploit the opportunities created by the next generation exotic beam facilities, such as the Facility for Rare Isotope Beams (FRIB) in the U.S.

A unique feature of this summer school series is the **hands-on activities** where students spend their afternoons in the lab of a radioactive beam facility, learning about the techniques and instrumentation needed to carry out experiments with unstable beams. At the end of the week, the students will use the lessons learned to perform an experiment at the Coupled Cyclotron Facility at NSCL, making use of the A1900 fragment separator. In the mornings, lectures on a variety of topics (experimental, theoretical, and applied) will be given by expert speakers.

The lecturers of EBSS2011 are:

W. Nazarewicz, University of Tennessee/ORNL – Physics with Rare Isotope beams, an overview

A. Volya, Florida State University – Nuclear Structure (Theory)

I. –Y. Lee, Lawrence Berkeley National Laboratory – Nuclear Structure (Experiments)

I. Thompson, Lawrence Livermore National Laboratory – Nuclear Reactions (Theory)

J. Cizewski, Rutgers University – Nuclear Reactions (Experiment)

E. Rehm, Argonne National Laboratory – Nuclear Astrophysics
E. Hartouni, Lawrence Livermore National Laboratory – Role of nuclear physics research in nuclear nonproliferation, stewardship and homeland security
B. Sherrill, FRIB/NSCL/Michigan State University - Accelerators and Beams
P. Mantica, NSCL/Michigan State University – Laser spectroscopy with Rare Isotope Beams
D. Seweryniak, Argonne National Laboratory – Experimental techniques
D. Weisshaar, NSCL – Gamma-ray spectroscopy
D. Morrissey, NSCL/Michigan State University – Planning for a standard A1900 experiment

EBSS2011 is supported by DOE, NSF, and the following laboratories ANL, LBNL, LLNL, ORNL and NSCL/MSU. The school, held annually, rotates among the various laboratories and is specifically designed for graduate students and postdocs (within 2 years of the PhD degree).

The deadline for receipt of a completed application, including a letter of support from the student's advisor/supervisor, is April 15, 2011. The application form can be found on the website. Letters of support should be sent to ebss2011@nscl.msu.edu, with a copy to coordinator@fribusers.org. Notifications about acceptances will be sent by May 1st, 2011. All places not confirmed by May 15th will be offered to other candidates on the waiting list. It is anticipated that all local expenses for the participants will be covered by the school.

Contact Remco Zegers at ebss2011@nscl.msu.edu with any questions on EBSS2011.

Please forward this announcement to students and postdocs who might be interested in joining EBSS2011.

Sincerely,

Michael Carpenter, Argonne National Laboratory
Augusto Macchiavelli, Lawrence Berkeley National Laboratory
Michael Smith, Oak Ridge National Laboratory
Mark Stoyer, Lawrence Livermore National Laboratory
Remco Zegers, NSCL, Michigan State University

3. Senior Research Associate, Cornell Laboratory for Sciences and Education **E-Address corrected******

The Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE) seeks an individual to take a lead role in the management and development of major accelerator systems. The specific research and development activities will be in one of the accelerator-associated fields that are part of the mission of CLASSE (x-ray science, accelerator science, or elementary particle physics). These activities will be determined in consultation with the CLASSE Director, to whom this position reports. Duties will also include: overseeing accelerator radiation protection and safety systems; performing radiation shielding calculations using Monte Carlo codes such as MARS, FLUKA, EGS5, or MCNPX; calculating radioactivity induced in materials by stray radiation fields around electron accelerators; assessing radiation damage in

electronics; making measurements of photon and neutron spectra over a wide energy range; reviewing and approving safety analysis documents for laboratory operations, working with staff at all levels to analyze and set procedures for unusual or new safety issues.

Requirements: A PhD in one of the physical sciences or engineering, and several years of experience in experimental high-energy accelerator physics or nuclear science and engineering. Must be familiar with: biological effects from natural and man-made sources of environmental radioactivity; federal, state, and local laws governing radiation; photon and neutron dosimetry; and occupational, chemical, biological, and laser safety. A high level of people skills and mature judgment are essential.

Please send a cover letter, including curriculum vitae and a publications list to Dr. Maury Tigner, Newman Laboratory, Cornell University, Ithaca, NY 14853, and arrange for three letters of recommendation to be sent. Correspondence may be directed to search-classe@cornell.edu. Cornell University is an equal opportunity, affirmative action educator and employer.

4. Nominations requested, Fellow of the American Physical Society through FIP

The honor of becoming a Fellow of the American Physical Society depends on the willingness of a colleague to complete a nomination. If you know someone whom you believe deserves the honor, you can find full information at <http://www.aps.org/programs/honors/fellowships/>. Fellowship nominations through the Forum on International Physics are due by May 1, 2011.

Note that nominations for FIP Vice Chair and two Members At Large of the Forum on International Physics are now open. Nominations should reach the Chair of Nominating Committee, Noemie Koller <nkoller@physics.rutgers.edu> by June 1, 2011.

Finally, I would also like to call your attention to two prizes which are among the most honored prizes of the American Physical Society, for which nominations are due by July 1, 2011:

The Andrei Sakharov Prize

<http://www.aps.org/programs/honors/prizes/sakharov.cfm>, and

The Nicholson Medal for Human Outreach

<http://www.aps.org/programs/honors/prizes/nicholson.cfm>

With best regards

Harvey Newman

Chair, Forum on International Physics

5. Nominations for APS' FIP

The Executive Committee of the Forum on International Physics consists of 13 voting members. The following positions become vacant beginning January 2012:

- 1) Vice-Chair
- 2) Two Members-at-Large

The purpose of this message is to invite you to nominate candidates for these positions. If you wish to review the current make up of the FIP Executive Committee, please go to:

<http://units.aps.org/units/fip/>

Noemie Koller, Past Chair of the Executive Committee, serves as Chair of the Nominating Committee. Submit nominations directly to her (nkoller@physics.rutgers.edu). Nominations will close on July 15, 2011.

Nominators: please verify that the nominee has agreed to be a candidate before you send in the nomination. WE URGE YOU TO USE THE FORM BELOW (also posted on the FIP web site).

The new Executive Committee members will be expected to participate in the activities of the FIP. Chief among these is the annual meeting of the Executive Committee - usually held in conjunction with the APS March or April Meetings. If you or you nominee have any questions regarding FIP and the election process, please contact me (734-647-1834; nmirkin@umich.edu).

The Nominating Committee will identify the candidates from the list of nominees, and you will then have an opportunity to vote your preference.

For further information concerning the Bylaws and duties of Forum Officers, see the FIP web site accessible from the Membership link on the APS web site or

<http://www.aps.org/units/fip/governance/bylaws.cfm>

Get involved!!

Noemi Mirkin, Secretary/Treasurer FIP

6. Fulbright Scholar Opportunities in East Asia and the Pacific – Webinar

You are invited to participate in a CIES Webinar on
Fulbright Scholar Opportunities in East Asia and the Pacific
Wednesday, April 27
2:00pm-3:00pm EST

Please register in advance at <http://www.cies.org/Webinar/>

CIES staff will discuss Fulbright U.S. Scholar opportunities in all regions of East Asia and the Pacific. Activities for Fulbright scholars include lectures and/or research in a wide variety of academic and professional fields. The application deadline for the 2012-2013 academic year is August 1, 2011. A list of awards and further information on applying can be found at http://www.cies.org/us_scholars/us_awards/. Elizabeth Lyttleton, Assistant Director of Scholar Programs in the region, will be answering questions following the presentation.

Jorge A. López
Schumaker Professor
Physics Dept., UTEP, 915-747-7528
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