

The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

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Ivan Schuller received prestigious E.O. Lawrence



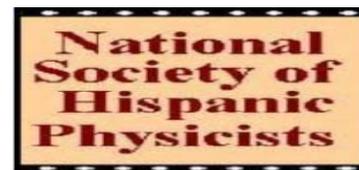
Secretary of Energy Spencer Abraham selected Dr. Ivan Schuller among the seven winners of the 2004 E.O. Lawrence Award. Professor Ivan Schuller is recognized as the principal initiator of research in metallic multilayers and superlattices, or, using a more fashionable word, "nanostructures." His work in the last 20+ years has produced many important innovations in the field of metallic heterostructure, nanostructures and superlattices.

Professor Schuller earned his Licenciado degree in Physics at the University of Chile and his M.S. and PhD degrees from Northwestern University. He was a senior scientist and group leader at Argonne National Labs, and has been at the University of California-San Diego since 1987. He is also Visiting Professor at the Universidad Del Valle in Cali, Colombia, Catholic Universities in Leuven, Belgium and Santiago, Chile, Reinische Westfalische Technische Hochschule in Aachen, Germany and at the University of Santiago, Chile. Dr. Schuller received a gold medal, a citation and \$50,000. **Congratulations Ivan!**

Sixth Latin American Symposium On Nuclear Physics and Applications

The Sixth Latin American Symposium on Nuclear Physics and Applications will take place at Iguazú, Argentina, from October 3 to 7, 2005. This conference continues with the series initiated in Caracas, Venezuela (1995, 1997), San

Andrés, Colombia (1999), Ciudad de México, Mexico (2001) and Santos, Brazil (2003). The Symposium provides a forum for the promotion of Nuclear Physics and its Applications among Latin-American laboratories and the international community. Their aim is to hold an event that clearly shows the vitality and significance of their field both to physics itself as well as to the well-being of society through its numerous and powerful applications. If you are interested in attending and/or receiving further information please send your name, e-mail address, topic and tentative title of your contribution to slafnap6@tandar.cnea.gov.ar. For further information see also <http://www.tandar.cnea.gov.ar/misc/SLA FNAP6.php>



2004 Joint NSHP and NSBP Meeting video

A 15 minute video from the 2004 Joint Annual Conference of the National Society of Black Physicists and the National Society of Hispanic Physicists http://nsbp.org/cgi-bin/nsbp.cgi?page=annual_conference#video is available on the NSBP website. The format is .mov. You can view it using QuickTime. To register for the 2005 Annual Conference of the National Society of Hispanic Physicist and National Society of Black Physicists you can visit http://nsbp.org/cgi-bin/nsbp.cgi?page=annual_conference#registration for more information about NSBP or NSHP, contact Dr. Keith H. Jackson, President, NSBP at president@nsbp.org. Information about NSBP/NSHP 2005 conference is available at the NSBP website <http://www.nsbp.org>.

Research Profile: Dr. Jacobo Konigsberg

Dr. Jacobo Konigsberg has been awarded the 2004 Medal of the Department of Particles and Fields of the Mexican Physical Society. The award is for Mexican scientists that have distinguished themselves internationally due to their contributions to the field and/or for contributing to the development of Particle Physics in Mexico. Dr. Konigsberg is currently working on the CDF Experiment at FermiLab and his main research focus has been on the discovery and further studies of the Top Quark. The medal was presented to Dr. Konigsberg in August 2004 at a ceremony at the Xi Mexican School of Particles and Fields, where he also gave several lectures on Experimental Top Quark Physics.



News you can use

Assistant Professor Position in Physics



The Physics Department, Southern Illinois University, at Carbondale invites applications for a tenure-track assistant professor position starting on 8/16/2005. They are seeking an experimentalist specialized in the areas of nanomaterials and nanotechnology. The successful candidate is expected to teach and develop undergraduate and graduate physics courses, pursue a vigorous research program, and attract external funding. For more information visit: <http://www.physics.siu.edu/opportunities/index.htm>



The Ninth Texas-Mexico Conference on Astrophysics

TRINITY UNIVERSITY

Trinity University (TU) is pleased to host the ninth Texas-Mexico astrophysics conference, in conjunction with The Instituto de Astronomia at the Universidad Nacional Autonoma de Mexico (UNAM), the University of Texas at Austin (UT-A), and Rice University (RU). The purpose of the meeting is to bring together professional astronomers, astrophysicists and students from all institutions in the Texas-Mexico region in order to discuss forefront topics of astrophysics and to present their own research in various disciplines of astronomy and astrophysics. Morning and afternoon sessions will be held on Thursday (4/14) and Friday (4/15), along with a morning session on Saturday (4/16). Topics will include: Stars, star an Planet formation, Nebulae and Chemical Abundances, Cosmology and the Early Universe, Gamma Ray Bursts, Black Holes, Galaxies and AGN, LIGO and Gravitational Waves. Social events will include a reception on the evening of April 13 and a conference dinner, which is currently being planned for Thursday, April 14. Interested participants for this conference should contact Gordon MacAlpine [gmacalpi@trinity.edu; phone: (210)999-7424; FAX: (210)999-7423]



Graduate student fellowships

Several fellowships of an amount of \$30k/Year and over are now available for graduate studies in the Physics Department of the University of Arkansas, Fayetteville, Arkansas. These unusually large fellowships result from (1) the largest gift (by the Walton family) ever given to a public University and (2) the awarding of a GK-12 grant by the National Science Foundation. For more information visit: <http://www.uark.edu/depts/physics/graduate/>

NASA Institute for Advanced Concepts Fellowship



The NASA Institute for Advanced Concepts (NIAC) seeks to identify

creative and innovative students who possess an extraordinary potential for developing advanced concepts in the fields of aeronautics, space and the sciences. Each Student Fellow will receive a total of \$9,000 for the Academic year 2005-2006. NIAC intends for these awards to benefit talented individuals who have shown extraordinary originality and dedication in their academic pursuits and a marked capacity for self-direction. Please visit <http://niac.usra.edu/students/call.html> for more information. Proposals are due April 15, 2005.

Activity Based Physics Faculty Institutes

2-year College, 4-year College and university faculty are invited to attend one of the NSF-sponsored Activity Based Physics Faculty Institutes to be held at the Oregon summer 2005 and at Dickinson College summer 2006. These one week Institutes will encourage faculty to use active learning strategies and computer-based tools and curricula--based on physics education research--in their introductory physics courses. Faculty from doctoral/research universities, from two year colleges and from institutions that serve under-prepared and under-represented populations are especially encouraged to apply. Expenses on campus will be paid, and travel grants and stipends are available for those who demonstrate need. For more information and an application, please visit our web site: <http://darkwing.uoregon.edu/~sokoloff/abpi.htm>



The Hispanic Physicist. Published whenever there is news and the editor has enough time. Send news, letters, congratulations, etc. to Jorge A. López, Physics Department, Univ. Texas at El Paso, 500 W. University Ave., El Paso, TX 79968, (915) 747-7538, jorgelopez@utep.edu, <http://physics.utep.edu/nshp/nshp.html>, and <http://hispanicphysicists.org>.