

Prizes and Awards

Nominations are invited for three important awards that recognize the contributions of physicists to applied research. These awards are the George E. Pake Prize and the Joseph F. Keithley Award of the American Physical Society, and the Prize for Industrial Applications of Physics of the American Institute of Physics. The deadlines for submission of award nominations and all supporting materials are July 1 for the APS awards and May 31 for the AIP award. Please refer to the APS homepage (<http://www.aps.org>) under the "prize and award" button for complete information, including prize descriptions, rules, and eligibility requirements, or to pages xxiii-xxxi in the *APS Membership Directory*. A call for nominations also appears in the February issue of *APS News*.

The **George E. Pake Prize** is intended to recognize and encourage outstanding work

by an individual that combines original research in physics with leadership in the management of research or development in industry. The prize is \$5,000, a travel allowance to attend the meeting at which the award is made, and a certificate recognizing the accomplishments of the recipient. The prize was endowed in 1983 by the Xerox Corporation in recognition of the outstanding accomplishments of George E. Pake as a research physicist and the director of industrial research. Award nominations and supporting materials should be sent to the selection committee chair: Venkatesh Narayanamurti, Office of the Dean, College of Engineering, University of California at Santa Barbara, Santa Barbara, CA 93106.

The **Joseph F. Keithley Award** of \$5,000 will be given annually to recognize physicists who have played an important role in the development of measurement techniques or equipment that have enabled



Don R. Scifres, 1997 Pake Prize winner.


advances in physics. This new prize, which is endowed by Keithley Instruments and the APS's Instrument and Measurement Science Topical Group, honors Joseph F. Keithley for his outstanding contributions in these areas. Award nominations and supporting materials should be sent to the selection committee chair: Robert Erdman, Keithley Instruments, Inc., 28775 Aurora Rd., Solon, OH 44139.

The **Prize for Industrial Applications of Physics** is a biennial award intended to rec-

ognize outstanding contributions by an individual or individuals to the industrial applications of physics. This prize was established in 1977 by the AIP to publicize the value of physics research in industry, to encourage physics research in industry, and to increase students' awareness of the role of physics in industrial research. The prize is \$10,000, an allowance for travel to receive the prize, and a certificate recognizing the accomplishments of the recipient.

Nominations are open to U.S. residents or those who have worked primarily in U.S.-based industry. The contribution cited for the award, which can be a product, a process, or a tool, must have been made while the nominee was employed by industry and must have resulted in significant industrial development in the 10 years prior to the award. Although the prize is primarily intended to recognize the contribution of one person, it can be shared if circumstances warrant. All nominations should be accompanied by a two-page statement containing the nominees' curriculum vitae, a description of the work for which they are

being cited, their publications, and patents. The nominations and supporting documentation should be sent to: Executive Director's Office, American Institute of Physics, One Physics Ellipse, College Park, MD 20740.

The 1997 Pake Prize goes to Don R. Scifres for outstanding research in high-power semiconductor lasers, the transformation of these research results into commercial products, and extraordinary accomplishment via founding and leading a successful and growing business based on these products. The prize will be awarded at the APS March meeting in Kansas City. Scifres is president and chief executive officer of SDL, Inc., formerly Spectra Diode Laboratories, Inc., a manufacturer of optoelectronic integrated circuits, semiconductor lasers, fiber-optic related products and optoelectronic-based systems with headquarters in San Jose, California. 

Ray Baughman is a research fellow at Allied Signal, Inc., Morristown, New Jersey.