

Past Winners

- 1987/88 C. Daniel Gelatt, Jr.
Northern Micrographics, Inc.
and
E. Scott Kirkpatrick
IBM T. J. Watson Research Center
- 1989/90 Rowland W. Redington
General Electric Corporation
- 1991/92 Francois M. d'Heurle
IBM T. J. Watson Research Center
- 1993/94 Leonard S. Cutler,
Curt A. Flory,
and
Robin P. Giffard
Hewlett-Packard Laboratories
- 1995/96 Mark T. Ketchen
IBM T. J. Watson Research Center
- 1997/98 Dan A. Hays
Xerox Corporation
- 1999/00 Stuart S. P. Parkin
IBM Almaden Research Center
- 2001/02 Charles H. Henry
Bell Laboratories, Lucent Technologies
- 2003/04 Rangaswamy Srinivasan
UV Tech Associates (formerly at IBM)
- 2005/06 William A. Edelstein
General Electric Corporate R&D
- 2007/08 Larry J. Hornbeck
Texas Instruments
- 2009 APS Prize – Phillip J. Wyatt
Wyatt Technology Corporation
- 2010 Robert A. Street
Palo Alto Research Center (PARC)

AIP Corporate Associates

The corporations and laboratories listed below are Corporate Associates of the Institute.

With Corporate Associate membership in AIP, corporations join the Institute in its objective: *to serve the industrial physics community by improving the effectiveness of people and organizations in advancing corporate goals through the use of physics and related sciences.*

3M Company
Abdus Salam Int'l Centre for Theoretical Physics
The Aerospace Corporation
Agilent Technologies
Alcatel-Lucent, Bell Laboratories
Corning Incorporated
Cryogenic Control Systems
The Dow Chemical Company
ExxonMobil Upstream Research Company
General Electric R&D
General Motors R&D Center
Hewlett-Packard Company
Hitachi Global Storage Technologies
HRL Laboratories, LLC
IBM Thomas J. Watson Research Center
Janis Research Company, Inc.
The Johns Hopkins Univ. Applied Physics Laboratory
Lake Shore Cryotronics
MIT Lincoln Laboratory
National Institute of Standards & Technology (NIST)
PARC Palo Alto Research Center
Sarnoff Corporation
Schlumberger-Doll Research
Shell E&P Technology Company
Texas Instruments, Inc.
Thomas Jefferson National Accelerator Facility
UOP, LLC

*American
Institute
of Physics
Prize for
Industrial
Applications
of Physics
2012*

AIP
American Institute
of Physics

*Awarded on
Behalf of the
Corporate Associates
of the American
Institute of Physics*

Sponsored by the
General Motors Company
and AIP Corporate Associates

Purpose

To recognize outstanding contributions by an individual or individuals to the industrial applications of physics.

The Award

The Prize for Industrial Applications of Physics—established by the American Institute of Physics (AIP) in 1977 as a biennial award and extended by the American Physical Society (APS) in 2007 to an annual award — publicizes the value of physics research in industry, encourages physics research in industry, and enhances students' awareness of the role of physics in industrial research.

The prize, which is awarded by AIP and APS in alternate years, consists of \$10,000, an allowance for travel to receive the prize, and a certificate citing the contributions made by the recipient or recipients.

American Institute of Physics Prize

Rules and eligibility

The AIP Prize is awarded for successful applications of physics to proven, innovative technologies. The contribution may be a product, a process, or a tool enabling practical application. Actual benefit to the employer is a significant criterion.

The application of the contribution must have resulted in a significant industrial development within ten years prior to the award. The prize is intended primarily to recognize the contribution of an individual but can be shared by more than one person where circumstances warrant. Although nominees need not now be working in U.S. industry, the contribution for which they are cited must have been made while employed in U.S. industry.

Selection of candidates

Nominations should include: 1) a cover letter providing a description of the work for which the nomination is being made, its commercial significance, and a draft citation; 2) nominee's curriculum vita listing relevant publications and patents; and 3) letters of support (no more than four).

The Award Committee consists of five members and is constituted separately for each successive award. Members are designated by the Corporate Associates Advisory Committee. See the website for more details.

Presentation of the Award

The Prize will be presented at an upcoming AIP Industrial Physics Forum or AIP Member Society Meeting.

Nominations

Nomination Deadline: April 1, 2011

Send nominations and supporting documentation to:

Industrial Outreach
Attn: Committee for the IAP Prize
American Institute of Physics
One Physics Ellipse
College Park, MD 20740
assoc@aip.org; 301-209-3142

<http://www.aip.org/industry/prize/>



American Physical Society Prize

Rules and eligibility

The APS Prize is awarded for innovative, leading-edge applications of physics to emerging technologies. It is not necessary for the application to have already achieved commercial success, but it should have demonstrated potential for significant impact. Although nominees need not now be working in industry, the contribution for which they are cited must have been made while their principal employment was in industry. The recognized contribution may be a product, a process, or a tool enabling practical application of physics. Nominees need not be APS members, and there is no restriction with regard to geography or nationality.

Selection of candidates

In order to encourage a broad spectrum of nominations, and in particular nominations from smaller companies as well as larger ones, the nomination process involves two steps. In the first step, nominators are asked to fill out a web-based form, giving a brief description of the nominee(s), and the significance of the work that is being cited. This description is limited to 1000 words, and one additional letter of support, of no more than 500 words, may accompany the nomination. Self-nominations are encouraged.

These preliminary nominations are due by April 1 of the year preceding the presentation of the Prize. From among these nominations, the selection committee will choose a small number of finalists by May 1. The nominators of the finalists will be invited to submit more extensive nominations by July 1, and the selection committee will recommend one of the finalists to the APS Executive Board for approval as the Prize recipient.

Nominations

Nomination Deadline: April 1, 2012

For further details on the nomination process, and to submit a nomination, see:

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

