

tenure at OIST.

After leaving SDIO in April 1988 Ionson formed a management consulting company, JDC Inc, in Columbia, Maryland. The company focused on commercializing technology that had been funded by the defense sector.

At Polaroid Ionson is to manage the company's basic science and engineering efforts, with the primary emphasis on merging its traditional technologies with newer ones. Polaroid's R&D staff includes about 350 engineers and scientists; its 1990 sales were close to \$2 billion. Though government contracts make up only a small fraction of Polaroid's business, it seems improbable that Ionson's expertise in that area would go untapped. In fact the company's latest annual report identifies "government" as a new market under development.

A company that built its reputation on instant cameras, Polaroid has in recent years struggled to reconfigure itself. Individual consumers still account for one-third of sales, but the company also has divisions devoted to business applications and to technical and industrial imaging. One of its latest products, the Helios laser imaging system, produces medical images from ultrasound systems and diagnostic scanners. A separate group has been designated to work on all-electronic imaging systems that would integrate video and audio equipment with computer technology.

"I'll be helping to set a new research course for Polaroid," Ionson says. "I'll be looking at incorporating the traditional film business, which is primarily chemical, with the electronic imaging of the future."

—JEAN KUMAGAI

BALDWIN LEAVES TEXAS, RETURNS TO LIVERMORE

David E. Baldwin, previously director of the Institute for Fusion Studies at the University of Texas, Austin, became associate director for magnetic fusion energy at the Lawrence Livermore National Laboratory in July. Before going to Texas three years ago, Baldwin was deputy associate director for fusion at Livermore.

Baldwin earned his bachelor's degree (1958) and PhD (1962) at MIT. From 1962 to 1964 he was a research associate at Stanford and from 1964 to 1966 at the Culham Laboratory in England. He was a member of the physics faculty at Yale from 1966 to 1970, when he joined Livermore as a

research physicist. He was deputy theory program leader from 1978 to 1984, when he became deputy associate director for fusion.

MEDWIN WILL LEAD ACOUSTICAL SOCIETY IN 1992

Herman Medwin, owner of Ocean Acoustics Associates and professor emeritus of the US Naval Postgraduate School, is the new president-elect of the Acoustical Society of America. Jiri Tichy of Pennsylvania State University is the new ASA vice president-elect. The two began their one-year terms in May. Next year they will succeed the current president and vice president, Eric E. Ungar of BBN Systems and Technologies Corporation and Robert E. Apfel of Yale University.

Medwin received a BS from Worcester Polytechnic Institute in 1941 and an MS in 1948 and PhD in physics in 1954 from the University of California, Los Angeles. In 1955 he joined the physics faculty of the US Naval Postgraduate School, retiring in 1980. He then started a consulting firm, Ocean Acoustics Associates, located in Pebble Beach, California. Medwin's specialties are underwater acoustics and acoustical oceanography, and his research has included surface and volume scattering of sound in the sea, the effects of high intensity sounds, acoustic diffraction, and acoustical determinations of microbubbles at sea.

Tichy received a DSc in technical sciences from the Technical University of Prague in 1953, and from 1955 to 1968 he served on the faculty there. In 1968 he moved to Penn State, and

Herman Medwin



since 1970 he has been head of the university's graduate program in acoustics. Tichy, whose main work is in noise control, has done research on the acoustic intensity technique and active noise and vibration control.

ASA also elected two new members to its executive council: Sabih I. Hayek of Penn State and David L. Bradley of the Naval Research Lab.

POATE IS NEW EDITOR OF APPLIED PHYSICS REVIEWS

John Poate of AT&T Bell Laboratories is the new editor of *Applied Physics Reviews*, a component of the *Journal of Applied Physics*, which is published by the American Institute of Physics. Poate succeeds F. Paul Mooring of Argonne National Laboratory, who will continue to serve as an associate editor of the journal.

Applied Physics Reviews has existed as a section of *JAP* since 1980. It is hoped that Poate, with assistance from the section's all-new editorial board, will expand the section and that it will eventually become a separate journal.

Poate is head of the silicon processing research department at AT&T Bell Laboratories in Murray Hill, New Jersey, and he currently chairs the division of materials physics of The American Physical Society. He received a BSc in 1962 and a MSc in 1965 from the University of Melbourne and a PhD in nuclear physics from Australian National University in 1967. He joined Bell Labs in 1971.

IN BRIEF

E. W. J. Mitchell of Oxford's Clarendon Laboratory has been elected president of the CERN council. Mitchell is a former chairman of the Science and Engineering Research Council and a former head of Clarendon and the Oxford physics department. The new vice presidents of the CERN council are Pierre Lehmann of France and Birgitte Sode-Morgensen of Denmark.

CERN has ordered a total of eight prototype twin-aperture dipole superconducting magnets for its proposed Large Hadron Collider from four European firms: Noell, Ansaldo, Elin and Alstom-Jeumont. Performance of the magnets will be a crucial consideration in the decision on whether to proceed with the LHC, which may be taken at a meeting of the CERN council in June 1992. ■