letters

served by Robert E. Schlier and Harrison E. Farnsworth.[1] Subsequently Lander reproduced their results in the new display-type LEED apparatus that had been developed by Lester Germer in 1960. Germer used a flat fluorescent screen—Lander's improvement was to use a curved screen. (He also introduced improved kinematical LEED analysis.) Details of the early LEED work of Farnsworth's laboratory, including the first observations of enlarged unit cells on Ge, InSb and GaSb as well as Si, appear in his Welch Memorial Lecture.[2] The lab's success was based on the development of ion bombardment and annealing as a method of producing atomically clean surfaces on semiconductors. The first LEED measurements on semiconductor surfaces produced by cleavage in vacuum were also carried out in this laboratory.[3]

References

1. R. E. Schlier, H. E. Farnsworth, J. Chem. Phys. **30**, 917 (1959).
2. H. E. Farnsworth, J. Vac. Sci. Technol. **20**, 271 (1982).
3. D. Haneman, Phys. Rev. **119**, 563, 567 (1960).

D. Haneman
University of New South Wales
Kensington, New South Wales, Australia

11/86

Needed: Ice advice

I am an Optical Society of America member who will be representing Puerto Rico in the sport of luge (the luge is a small sled raced on an ice track) at the XVth Winter Olympic Games, to be held in Calgary, Canada, in February 1988. I am seeking advice and suggestions from the physics community for improving the performance of my sled. I would particularly appreciate hearing from those with expertise in ice friction and aerodynamics. Those interested may contact me at Rd. 1, Box 399A, Nassau NY 12123.

George F. Tucker
Nassau, New York

8/87

Moe Berg in the movies

With my partner, Jerry Feldman, I have received a grant from the American Film Institute to continue work and research on our film about the life and times of Morris (Moe) Berg. Berg was a man who lived between two worlds. For 18 seasons he played major league baseball and was the celebrity

ANDREW GEMANT AWARD

Call for Nominations

The Andrew Gemant Award of the American Institute of Physics recognizes the accomplishments of a person who has made significant contributions to the understanding of the relationship of physics to its surrounding culture and to the communication of that understanding. The Selection Committee invites nominees for the 1988 award.

Criteria

The awardee is chosen based on contributions in one or more of the following areas:

a. Creative work in the arts and humanities that derives from a deep knowledge of and love for physics.
b. The interpretation of physics to the public through such means as mass media presentations or public lectures.
c. The enlightenment of physicists and the public regarding the history of physics or other cultural aspects of physics.
d. The clear communication of physics to students who are learning physics as part of their general education.

Nature of the Award

The awardee will be invited to deliver a public lecture in a suitable forum, will be asked to designate an academic institution to receive a grant of $3,000 from AIP to further the public communication of physics, and will receive a cash award of $5,000 at the annual fall meeting of the AIP Corporate Associates.

The Award is made possible by a bequest of Andrew Gemant to the American Institute of Physics. The 1988 Award will be the second. The first awardee (1987) is Philip Morrison of MIT.

Procedures

The awardee will be named by the AIP Governing Board in March 1988, based on the recommendation of an outside Selection Committee appointed by Board Chairman Hans Frauenfelder.

Send nominations with supporting material to:

John S. Rigden
Director of Physics Programs
American Institute of Physics
335 East 45th Street
New York, NY 10017

Deadline for receipt of nominations is *31 December 1987*.

letters

catcher with the Boston Red Sox. During World War II, Berg left baseball to take an active role in espionage. He was a key US agent in activities to discover the extent of the German uranium (atom bomb) project.

Berg was a member of The American Physical Society. We ask people who knew him to contact us at Top of the Ninth Productions, 2265 Westwood Blvd., #799, Los Angeles CA 90064. We are looking to interview on film people who can help us place Berg in history, along with scientists and friends who may have experiences to talk about and pictures or films of Berg.

NEIL GOLDSTEIN
7/87 *Palms, California*

Leptons for sale

No wonder the cost of doing elementary-particle physics research is so great. Just look at the price of old leptons! Imagine the price of new ones.

(From *Biblical Archaeology Review*, July–August 1986.)

KENNETH E. JESSE
Illinois State University
8/86 *Normal–Bloomington, Illinois* □