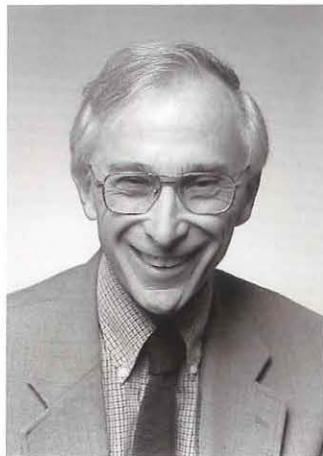


TOMBRELLO NAMED DIVISION CHAIR



Thomas Tombrello has been named chair of the Division of Physics, Mathematics and Astronomy, succeeding Professor of Physics Charles Peck, who had been division chair since 1993.

Tombrello, also a physicist, and his research group are primarily involved in applying the techniques of theoretical and experimental physics to problems in materials science, surface physics, and planetary science.

His ongoing research includes understanding the damage processes caused by megavolt ions in solids, characterizing the sputtering of materials by low-energy ions, and growing and studying novel light-emitting materials.

A native of Texas, Tombrello was born in Austin, grew up in Dallas, and earned his BA, MA, and PhD degrees at Rice University in Houston.

Tombrello came to Caltech in 1961, and except for a brief stint on the Yale faculty, has been here ever since. A full professor of physics since 1971, he also served as vice president and director of research at Schlumberger-Doll Research from 1987 to 1989. He was named William R. Kenan, Jr., Professor at Caltech in 1997.

Tombrello said that his immediate goals will be to strengthen the division's efforts in theoretical physics, mathematics, and observational astronomy. □

HONORS AND AWARDS

Thomas Ahrens, W. M. Keck Professor of Earth Sciences and professor of geophysics, has been selected as a Geochemistry Fellow for 1998 by the Geochemical Society and the European Association for Geochemistry, for his outstanding contributions to geochemistry.

Assistant Professor of Biology José Alberola-Ila has been named a 1998 Pew Scholar as part of the Pew Scholars Program in Biomedical Sciences. He studies signal transduction in the immune system.

Michael Alvarez, associate professor of political science, has been selected to serve as an executive council representative for the Western Political Science Association, 1998–2001.

Tom Apostol, professor of mathematics, emeritus, received the Trevor Evans Award of the Mathematical Association of America, presented to authors of exceptional articles that are accessible to undergraduates. Apostol's prizewinning article on the prime number theorem, published in *Math Horizons*, covered some of the same material as an article that originally appeared in *E&S* (1996, No. 4).

team. Bob adopted the Cardinals—not the ersatz Cards of the expansion days, but the genuine article. They won the World Series in '31 and '34, and they were a match for the redoubtable Yankees, whom they beat in '26 and '42. The Brooklyn Dodgers, on the other hand, were the boys of summer and the failures of fall. When they finally started winning league championships, they routinely lost the series. Their lone, puny victory in '55 couldn't atone for their flops.

Well, we all know Bob Oliver and loyalties. When the Dodgers moved to L.A. and changed their losing ways, they didn't change Bob's mind. He was with his old friends in sickness and in health, in 1967 and 1968, winning and losing. Granted that the Cards are an odd symbol of Bob's permanent attachments, they are a great one nevertheless.

And there is one more, which may be even odder and greater. That is the round table at the Athenaeum. Bob loved to lunch there with his longtime Caltech colleagues. They settled the state of the arts, the state of the nation, the economy, international politics, the condition of the cosmos, and the future of the Institute. They kept Bob and each other firmly grounded in the current world. Last Friday they almost settled the seismic future of Altadena, but there were data lacking and Bob told me a James Thurber story. I think Bob would not complain if, for now, we left him there laughing and talking with his marvelously bright friends. But let's not. Let's leave him at home with Jean, sipping a drink as they watch the TV, seeing Mark McGwire hit two home runs, and seeing Bob's Cardinals beat the unrecognizable Dodgers. □

HONORS AND AWARDS CONTINUED

Jacqueline Barton, Hanisch Memorial Professor and professor of chemistry, has been given the 1998 Weizmann Women & Science Award as "an innovative scientist, inspiring educator and eloquent advocate for basic research." The award is issued biennially by the American Committee for the Weizmann Institute of Science.

Peter Dervan, Bren Professor of Chemistry and chair of the Division of Chemistry and Chemical Engineering, has been chosen for the 1997 Remsen Award by the Maryland Section of the American Chemical Society.

Assistant Professor of Biology Bruce Hay has been named a 1998 Ellison Medical Scholar as part of the Ellison Medical Foundation New Scholars in Aging Program. The grant is aimed at identifying the proteins that control programmed cell death—a critical step not only in the aging process but in normal embryonic development.

JPL astronomer Eleanor Helin, principal investigator for the Near Earth Asteroid Tracking program, has been named to the Women in Science and Technology International Hall of Fame.

Professor of Applied Math-

ematics Yizhao Thomas Hou will share the 1998 Francois Frenkiel Award with Michael Shelley of the Courant Institute and John Lowengrub of the University of Minnesota. The award, given by the Fluid Dynamics Division of the American Physical Society, recognizes the best paper to appear in the journal *Physics of Fluids*.

Alice Huang, senior counselor for external relations and faculty associate in biology, has been named to the board of trustees of the Keck Graduate Institute of Applied Life Sciences, the newest component of the Claremont Consortium of Colleges.

Professor of Chemistry Barbara Imperiali has been awarded the 1998 Richard P. Feynman Prize for Excellence in Teaching.

Richard Roberts, assistant professor of chemistry, has been named a Beckman Young Investigator by the Arnold and Mabel Beckman Foundation. The award will enable him to improve a technique he developed for the design and isolation of the signaling molecules involved in various biological processes.

Professor of Anthropology Thayer Scudder has been selected by the Royal Anthro-



The face of Ahmed Zewail, the Pauling Professor of Chemical Physics and professor of physics, now graces two Egyptian postage stamps, issued in tribute to his scientific achievements. Zewail attended their unveiling at a June 14 ceremony in Cairo, Egypt. "I am particularly pleased as this honor comes from my country of birth, and that I could be in the company of stamps honoring the pyramids, Tutankhamen, and Queen Nefertiti," he said. "And it's nice that they do it while you're still alive." The one-pound stamp (yellow) is for international mail. The 20-piastre stamp (blue) is for first-class domestic mail.

pological Institute of Great Britain and Ireland to be the first recipient of the Lucy Mair Medal for Applied Anthropology "in recognition of his application of anthropology to problems of sustainable economic development...his influence on governments and donor agencies has led the way for anthropologists contributing on policy issues." Meanwhile, the Society for Applied Anthropology has tapped him for the 1999 Bronislaw Malinowski Award, which honors "the application of the social sciences to contemporary issues"—in this case, "distinguished work on the social impacts of resettlement."

The organizers of the 15th International Conference on the Application of Accelerators in Research and Industry, to be held November 4–7 in Denton, Texas, have decided to dedicate the conference

proceedings to Tom Tombrello, Kenan Professor and professor of physics, and recently appointed chair of the Division of Physics, Mathematics and Astronomy, for his "vast number of contributions to the ion beam community."

Amnon Yariv, Summerfield Professor of Applied Physics, has received the Esther Hoffman Beller Award from the Optical Society of America, "for outstanding contributions to optical science and engineering education."

Ahmed Zewail, the Pauling Professor of Chemical Physics and professor of physics, has been awarded the University of Würzburg's Roentgen Prize. □