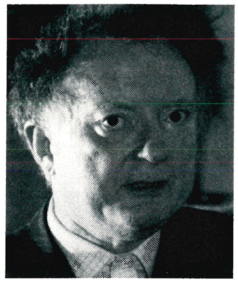
WE HEAR THAT

Dirac Medals Announced in Trieste

It is the tradition of the International Center for Theoretical Physics in Trieste, Italy, to announce the recipients of its Dirac Medals on the anniversary of the birth of P. A. M. Dirac. This August the prize committee announced that the 1996 medals would go to **Tullio Regge** of the Polytechnic of Turin, in Italy, and to **Martinus Veltman** of the University of Michigan.



TULLIO REGGE

The medal goes to Regge for "crucial contributions in theoretical and mathematical physics starting with his seminal investigation of the asymptotic behavior of potential scattering processes through the analytic continuation of the angular momentum to the complex plane." The citation mentions that, in strong interaction physics, "the so-called Regge trajectories have helped in the classification of particles and resonances by grouping together entities with different spin. The so-called Regge behavior was, and still is, an important ingredient in the construction of string theories." The citation also credits Regge with introducing "the first discretization of space-time with a simple Einstein dynamics (the so-called Regge calculus) and for its formulation of supergravity theories in the geometric language of differential forms."

MARTINUS VELTMAN

Veltman is being recognized for "his pioneering investigations on the renormalizability of gauge theories and consequently, his analysis of the sensitivity of radiative corrections to both the mass differences in fermion doublets and the Higgs particle mass. These calculations provided the basic prediction in the search for the top quark mass. Towards this goal, Veltman was one of the first to use the computer in Feynman diagram calculations. His software package for manipulations of algebraic symbols has been a privileged tool for a full generation of physicists."

AAPM Bestows Honors at Meeting in Philadelphia

The American Association of Physicists in Medicine presented its awards for 1996 at the annual meeting, held in Philadelphia in July. Among the awards were two being presented for the first time, the Award for Achievement in Medical Physics and the John R. Cameron Young Investigators Award.

The William D. Coolidge Award, AAPM's highest honor, was given to **Leonard Stanton**, professor emeritus in the department of radiation oncology and nuclear medicine at Hahnemann University in Philadelphia. Stanton was recognized for his contributions to diagnostic radiology and mammography, including pioneering work in the development of methods for measuring mammography dose. He also was praised for his active participation in AAPM since joining as a charter member in 1958.

The Award for Achievement in Medical Physics was presented to **Arnold Feldman** of the Methodist Medical Center in Peoria, Illinois. This new award is given for outstanding achievement in medical physics practice, education or organizational affairs and professional activities.

The Farrington Daniels Award, given for the best paper on radiation dosimetry published in AAPM's *Medical Physics* during the previous year, went to **Weimin Chen** and **Ed Blazek** of Rush-Presbyterian St. Lukes Medical Center in Chicago, and **Ivan Rosenberg**, of the Royal Marsden NHS Trust in London, for their paper "The Relaxation of Supercoiled DNA Molecules as a Biophysical Dosimeter for Ionizing Radiations: A Feasibility Study."

The Sylvia Sorkin Greenfield Award was presented to **James Dobbins** of Duke University Medical Center, **David Ergun** of the Lunar Corp in Madison, Wisconsin, **Lois Rutz** and **Hartwig Blume** of Philips Medical Systems in Shelton, Connecticut, **Dean Hinshaw** of NASA's Goddard Space Flight Center and **Dwayne Clark** of Jacksonville Naval Hospital in Jacksonville, Florida. They won the award, which recognizes the best overall paper published in *Medical Physics* during the previous year, for "DQE(f) of Four Generations of Computed Radiography Acquisition Devices."

Joerg Stein of the Memorial Sloan-Kettering Cancer Center in New York City received the John R. Cameron Young Investigators Award. The other Young Investigators Award winners were **L. Scott Johnson** of the University of Chicago, **Jeffrey Siewerdsen** of the University of Michigan and **Todd McNutt** of the University of Wisconsin—Madison.

Winter Will Receive Bingham Medal from Society of Rheology

The Society of Rheology's 1996 Bingham Medal will go to **H. Henning Winter**, who is being honored for his "outstanding contributions to experimental rheology and rheometry of gels and polymer melts." The medal will be presented to Winter at the society's annual meeting in Texas in February 1997.

According to the award citation, Winter and his research group characterized the rheology of polymers during gelation, an area that "until then had been viewed as not accessible to rheology in a quantitative way." The group's findings have led to the development of theories for the rheology of gels, as well as to the development of gels for commercial applications. SoR also recognizes Winter's contribution to the numerical modeling of polymer flows. Winter is a distinguished university professor of chemical engineering at the University of Massachusetts at Amherst.

H. HENNING WINTER

The 1996 *Journal of Rheology* Publication Award goes to **Liang B. Chen** of Helene Curtis, Inc., in Chicago, **Bruce J. Ackerson** of Oklahoma State University and **Charles F. Zukoski** of the University of Illinois, Ur-

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