

Contributions to Medical Physics Honored **FREE**



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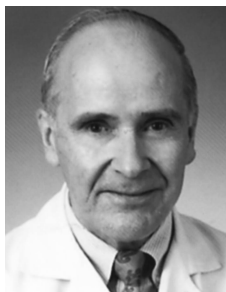
PHYSICS TODAY

WE HEAR THAT

Contributions to Medical Physics Honored

The American Association of Physicists in Medicine recognized the achievements of several individuals in the field of medical physics at its annual meeting held in Chicago in July.

Lowell Anderson received AAPM's highest honor, the William D. Coolidge Award, given in recognition of a distinguished career and significant contributions to the field of medical physics. Anderson is an emeritus member of the department of medical physics at Memorial Sloan-Kettering Cancer Center in New York.



ANDERSON

William Hanson and **Mary Meurk** each received the Award for Achievement in Medical Physics, which is given for outstanding career achievement in medical physics practice, education, or organizational affairs and professional activities. Hanson is chief of outreach physics and director of the Radiological Physics Center at the University of Texas M. D. Anderson Cancer Center in Houston. Meurk is president of the West Coast Cancer Foundation in San Francisco.

The Farrington Daniels Award, given for the best paper on radiation dosimetry published in *Medical Physics* the previous year, went to authors **John Balog**, chief clinical physicist at TomoTherapy Inc in Middleton, Wisconsin; **Thomas Mackie**, a professor of medical physics at the University of Wisconsin-Madison; **Paul Reckwerdt**, president of TomoTherapy Inc; **Marvin Glass Jr**, an Air Force staff medical physicist at David Grant Medical Center, Travis Air Force Base in California; and **Lisa Angelos**, a software engineer at GE Medical Systems in Wausheka, Wisconsin. Their paper, "Characterization of the Output for Helical Delivery of Intensity Modulated Slit Beams," appeared in the January 1999 issue.

The Sylvia Sorokin Greenfield Award, given for the best overall

paper published in *Medical Physics* the previous year, went to **Takayuki Ishida**, **Shigehiko Katsuragawa**, **Katsumi Nakamura**, **Herber MacMahon**, and **Kunio Doi** for their paper entitled "Iterative Image Warping Technique for Temporal Subtraction of Sequential Chest Radiographs to Detect Interval Change," which appeared in the July 1999 issue. Ishida is an associate professor in the clinical radiology department at Hiroshima International University, Katsuragawa is a professor at the general research center at Nippon Bunri University in Oita, and Nakamura is a professor in the radiology department at the University of Occupational and Environmental Health in Katsukyushu, all located in Japan. MacMahon is a professor and interim cochair in the department of radiology and Doi is the Ralph Gerard Professor in the division of biological sciences and associate chair for research in the department of radiology at the University of Chicago.

AAPT Prize Winners Announced

At its annual summer meeting held in Guelph, Ontario, Canada, in July, the American Association of Physics Teachers recognized the achievements of four of its members.

The Robert A. Millikan Medal went to **Thomas Rossing**, a professor of physics at Northern Illinois University in DeKalb. According to the medal citation, Rossing was recognized for his "passion for physics, his energetic mentoring of students and colleagues, and his outstanding contributions to the teaching and learning of physics."

The winner of the Paul Klopsteg Memorial Lecture Award was **Terrence Walker**, an associate professor and vice chair for graduate studies in the physics department at Ohio State University in Columbus. Walker, who does research in cosmology, particle physics, and astrophysics, gave his lecture entitled "The Big Bang: Seeing Back to the Beginning" at the meeting.

Dwight Neuenschwander was presented with the Excellence in Undergraduate Physics Teaching Award for his "many and innovative contributions to physics and the teaching of physics." Neuenschwander is a professor of physics at Southern Nazarene University in Bethany, Oklahoma.

The Excellence in Pre-College Teaching Award went to **James Nelson** for his "many and innovative contributions to the teaching of physics and the professional growth of physics teachers." Nelson is a K-12 science specialist in the Seminole County public schools in Sanford, Florida.

IN BRIEF

The University of Newcastle upon Tyne in England awarded its fifth Robinson Prize in Cosmology to **Alan Guth**, Victor F. Weisskopf Professor of Physics at MIT's Center for Theoretical Physics. Guth was honored this month for his work in inflationary cosmology. His introduction of this concept "is considered to be one of the most important contributions to cosmology in the latter half of the 20th century," according to the award citation. Guth also received a £10 000 (about \$14 000) cash prize.

Suzanne Chippindale became the Astronomy education coordinator for the Astronomical Society of the Pacific in September. She previously served as director of the planetarium at Santa Fe Community College in New Mexico.

In October, the Eduard Rhein Foundation, based in Hamburg, Germany, presented its Basic Research Award 2000—together with DM 100 000 (about \$44 000)—to **Ingrid Daubechies**, a professor of mathematics and of applied and computational mathematics at Princeton University and director of the university's program in applied and computational mathematics. The foundation recognized Daubechies for "the invention, the mathematical development, and the application of wavelets, which have found widespread applications as orthogonal functions in signal processing, radar, and image processing." The foundation gave its Technology Award 2000, which carries a cash prize of DM 50 000, to **Norman Abramson**, founder, president, and chief technical officer of ALOHA Networks Inc, a venture-backed start-up based in the Presidio National Park in San Francisco. Abramson was cited for "the invention of the random access protocol ALOHA and the first realization worldwide of a radio network for both local and satellite-based Internet access of uncoordinated data terminals."