

## **1987 METTLER AWARD**

We are pleased to announce that Mr. Harvey Bair, AT&T Bell Laboratories, has been selected as the recipient of the 1987 Mettler Award in thermal Analysis. The Award will be presented to him by the Mettler Corporation at the 1987 North American Thermal Analysis Society meeting to be held in Washington, DC, September 27–30, 1987.

Mr. Bair, 51, is a graduate of Dickinson College (Carlisle, PA) and Penn State University (State College, PA), and has been a member of the technical staff at AT&T Bell Laboratories since 1965. He is a NATAS Fellow, and was awarded the SPE Best Paper Award in 1979 and 1983. He has published over 130 papers in the field of thermal analysis.

His recent contributions to thermal analysis include the study of the curing behaviour of thermosetting resin systems (especially in the diffusion-controlled regime); the first experimental observations of water associated into microscopic droplets (clusters) in polymer matrices; investigations into the physical aging of polymer glasses; insight into the ferroelectric and ferromagnetic structural transitions in materials; and provided thermoanalytical solutions to many industrial applications problems. He has pioneered the quantitative thermal analysis of polymers, and used thermoanalytical techniques to study antioxidant retention in polyethylene insulation and plasticizer effects in PVC. He also made significant fundamental contributions to the understanding of the thermodynamic properties of polyethylene single crystals.

Harvey Bair has served as the President of NATAS (1984) and as a member of the NATAS Executive Council (1983–1985), as well as program chairman and symposium organizer for several NATAS Conferences. He was the Chairman of the Thermal Analysis Topical Group (North Jersey ACS) in 1982 and has lectured at the annual conference of "Thermal analysis in Research and Production" at Polytechnic Institute of New York (1980–1986).