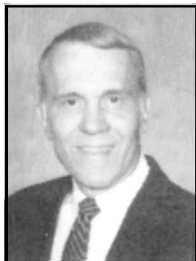


## A Fond Farewell and a Warm Welcome

IT is my great pleasure to extend an enthusiastic welcome to Gerard M. Faeth, the fifth Editor-in-Chief selected to serve the *AIAA Journal* since its inception in 1963. Beginning with Volume 1, Number 1, Dr. Faeth's predecessors were William R. Sears of the Institute of Aerospace Sciences and Martin Summerfield of the American Rocket Society (coeditors for the first three issues of the new *AIAA Journal*), Leo Steg, and George W. Sutton. Dr. Sutton is retiring after 30 years of service as Editor-in-Chief. During his tenure, he has left an enduring mark of distinction on the journal. As a measure of our admiration for him and our respect for what he has done for *AIAA Journal*, the AIAA Publications Committee has approved his continuation on the masthead as Editor Emeritus.

The name of Jerry Faeth is not new to those whose work falls within the scope of the *AIAA Journal*. In addition to his activities in AIAA and on AIAA Technical Committees, he has just completed a term as U.S. Editor of *Combustion and Flame*. Prior to this, he was Senior Technical Editor of the American Society of Mechanical Engineers's *Journal of Heat Transfer*. The AIAA Board of Directors, AIAA Publications Committee, and I enthusiastically support his appointment as Editor-in-Chief. His photograph and biographical sketch follow.

Elaine S. Oran  
*AIAA Vice President—Publications*



**Dr. G. M. Faeth** received the B.M.E. Degree (1958) from Union College (New York) and the M.S. and Ph.D. Degrees (1961 and 1964) from Pennsylvania State University. He was on the faculty of Pennsylvania State University in the period 1958–1985, retiring at the rank of Professor Emeritus of Mechanical Engineering. He currently is Arthur B. Modine Professor of Aerospace Engineering and Head of the Gas Dynamics Laboratories at the University of Michigan.

Dr. Faeth has been associated with theoretical and experimental research concerning combustion, heat transfer, and fluid dynamics since 1959. He has conducted and supervised studies of soot properties in flames, evaporating and combusting sprays, structure and radiation properties of turbulent flames, turbulent multiphase flows, ignition and combustion of liquid fuels, buoyant turbulent flows, and turbulent flame propagation. He has acted as Principal Investigator for projects in these areas supported by NASA, the U.S. Department of Commerce–National Institute of Standards and Technology, the National Science Foundation, the Office of Naval Research, the Air Force Office of Scientific Research, the Army Research Office, the Defense Advanced Research Projects Agency, the Union Carbide Corporation, Suntech Incorporated, the AiResearch Manufacturing Company of Arizona, the Air Force and the Department of the Navy. This research has resulted in the completion of thirty-eight Ph.D. theses under his direction. He is currently supervising two Postdoctoral Fellows, four Ph.D. Candidates, and three pre-Ph.D. graduate students.

Dr. Faeth is Technical Editor of *Combustion and Flame* and past Technical Editor of the *Journal of Heat Transfer*. He is a member of the National Academy of Engineering and a Fellow of the American Society of Mechanical Engineers (ASME), the AIAA, and the American Association for the Advancement of Science. He was corecipient of best paper awards from both the ASME and AIAA in 1984 and in 1995 and again from the ASME in 1985 and 1988. He also received the Heat Transfer Memorial Award from ASME (1988); the Propellants and Combustion Award from AIAA (1993); the Excellence in Research Award (1979) and the Outstanding Engineering Alumnus Award (1990) of the College of Engineering at Pennsylvania State University; and the Excellence in Research Award (1988), the Distinguished Faculty Research Award (1992), and the Stephen S. Attwood Award (1993) of the College of Engineering at the University of Michigan. He is author or coauthor of more 300 articles and papers.