



Prof. George S. Springer



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W I N N E R

MEDAL OF EXCELLENCE

IN COMPOSITE MATERIALS

George S. Springer, Paul Fyott Professor of Engineering and Chair of the Department of Aeronautics and Astronautics at Stanford University, is the 1999 recipient of the Medal of Excellence in Composite Materials.

Prof. Springer received his Ph.D. degree from Yale in 1962 and held teaching positions at the Massachusetts Institute of Technology and the University of Michigan before joining Stanford's faculty in 1983. He was Visiting Professor of Aeronautical Engineering at the University of Sydney in 1973 and Visiting Professor of Mechanical Engineering at MIT in 1979-80. Prof. Springer has also served as a consultant to industrial and government organizations both in the United States and abroad.

Springer is the author or co-author of 12 books and more than 200 technical papers and reports. He has been elected to the National Academy of Engineering and is a Fellow of the American Society of Mechanical Engineers, the Society for the Advancement of Materials and Process Engineering, the Hungarian Academy of Science, and the American Institute of Aeronautics and Astronautics.

Springer was AIAA's Engineer of the Year in 1995 and was awarded the Worcester Reed Warner Medal by ASME in 1994. He has also received the Ralph R. Teeter Award from the Society of Automotive Engineering, the Public Service Group Achievement Award from NASA, and the Del Monte Award from SAMPE.

Involved with composite materials since 1962, Springer is widely known for his models describing the effect of the environment on composites and the curing process for epoxy-matrix and thermoplastic composites. His computer codes, which are based on these models, CURE, WIND, PLASTIC, and SECURE, are used by all of the major aerospace companies and U.S. government agencies.

Dr. Springer has been the Editor of the *Journal of Reinforced Plastics and Composites* since 1982. He is a member of the International Committee on Composite Materials and a board member of Hexcel Corporation.

Prof. Stephen Tsai, one of the first recipients of the Medal of Excellence, has described George Springer as a "giant in composite materials." It is thus fitting that he receive this tribute on the occasion of the Medal's 15th anniversary and the Center's 25th.