



Dr. Derek Hull



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WINNER

MEDAL OF EXCELLENCE

IN COMPOSITE MATERIALS

Dr. Derek Hull has been the Goldsmith's Professor and Head of Department of Materials Science and Metallurgy at the University of Cambridge, England, since 1984. Between 1960 and 1984, he held various appointments at the University of Liverpool, including Head of Department, Dean of Engineering, and Pro-Vice-Chancellor. From 1956-60, he was a Senior Scientific Officer at the Atomic Energy Research Establishment, Harwell.

Professor Hull obtained his B.Sc., Ph.D., and D.Sc. degrees at the University of Wales, and he has an Honorary D.Tech. from the Technical University of Tampere in Finland. He has professional links with a number of societies and is Fellow of the Institute of Metals and Fellow of the Plastics and Rubber Institute. He was the founding Chairman of the British Composites Society.

Professor Hull's research has covered a very wide range of materials. His early interests included martensitic transformations, dislocation theory, creep, fatigue and brittle fracture of metals, and radiation damage. In the early 70's, this work was extended to studies of deformation and fracture of polymers with particular reference to the importance of microstructure. Since that time, he has concentrated on polymer matrix composites, and one of his key interests has been energy absorption in structural composites. He has published over 200 papers and two books - Introduction to Dislocations and An Introduction to Composite Materials, both of which are widely used in B.S. and M.S. courses around the world.

In the academic year 1968-69, Professor Hull was the Distinguished Visiting Professor and Senior N.S.E. Fellow at the University of Delaware. He has been Visiting Professor in other countries and holds a number of industrial advisory appointments. The Institute of Metals honored him by awarding him the Rosenhain Medal in 1973 and the A. A. Griffith Silver Medal in 1985. In 1986 he was elected a Fellow of the Fellowship of Engineering, and in 1989 he was elected a Fellow of the Royal Society.