

The 2011 Fritz London Memorial Prize Winners

Humphrey Maris (Brown University, USA)

<https://vivo.brown.edu/display/hmaris>



Citation:

"The Fritz London Memorial Prize is awarded to Humphrey J. Maris in recognition for his original theories and experimental discoveries in liquid helium, concerning phonons, Kapitza resistance, levitation, nucleation, electron bubbles and vortex imaging."

Humphrey Maris was born in Ipswich, England in 1939. He graduated from Imperial College, London with a B.Sc. degree in 1960 and a Ph.D. in 1963. His Ph.D. research was an investigation of the propagation of very high frequency sound in solids. From 1963 to 1965 he was a postdoctoral fellow at Case Institute in Cleveland, Ohio. He then moved to Brown University where he has been since. He is currently the Hazard professor of physics and is also a

professor of engineering. He has been a visiting professor at the Ecole Normale in Paris, the University of East Anglia, the University of Stuttgart, the Centro Atomico in Bariloche, Argentina, the University of Tokyo, and the University of Hokkaido. At Brown he has worked on a wide variety of topics including the detection of neutrinos from the sun, studies of sound propagation in liquid helium, magnetic levitation, ultrafast optics, and the development of a new measurement tool now widely used in the semiconductor industry. He is a Fellow of the American Physical Society, has been awarded the Senior Humboldt Award, a United Kingdom Research Council Fellowship, two Japanese Society for the Promotion of Science Fellowships, the Brown University Technology Partnership Award for Technological Innovation, the Prize for Phonon Physics, (Klemens award), the Philip J. Bray award for Excellence in Teaching in the Physical Sciences at Brown University, and the American Physical Society India-US Professorship Award.