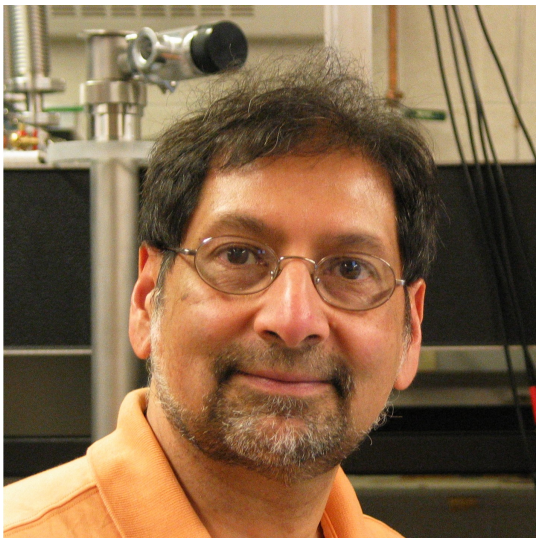
The 2017 Fritz London Memorial Prize Winners

Jeevak Parpia, (Cornell University, USA)
https://physics.cornell.edu/jeevak-parpia



Citation:
"The Fritz London Memorial Prize is awarded to Jeevak Parpia in recognition of his pioneering work on the influence of disorder on the superfluidity of Helium 3."

Jeevak Parpia is Professor of Physics at Cornell University. He was awarded his Bachelor's degree (Bachelor of Science in Liberal Arts) from the Illinois Institute of Technology in Chicago in 1973. He then sought out the Cornell group to study the newly discovered phases of superfluid ^{3}He in graduate school. At Cornell, he worked with John Reppy on measurements of the viscosity and superfluid density of ^{3}He. The group was highly collaborative and John Reppy, David Lee, and Bob Richardson along with a number of senior students and post-docs served as mentors. He did a year's postdoc at Cornell before shipping out to take up a position as Assistant Professor at Texas A&M in 1979. In

1986 Parpia returned to Cornell as a tenured Associate Professor of Physics and has remained at Cornell. He has held various visiting appointments at the Walther Meissner Institute, at Royal Holloway and the Indian Institute of Science. He was a Guggenheim Fellow, a Sloan Fellow and is also a Fellow of the American Physical Society.

Parpia's continuing interest is the study of ^{3}He in its normal and superfluid states. Studies of ^{3}He in aerogels and also under regular confinement is the current focus of his research activities. Parpia collaborates with the group at Royal Holloway on confined ^{3}He. He has supervised more than twenty Ph.D. projects on topics in ^{3}He, small free-standing structures' electronic and thermal properties, micromechanics and glassy systems.