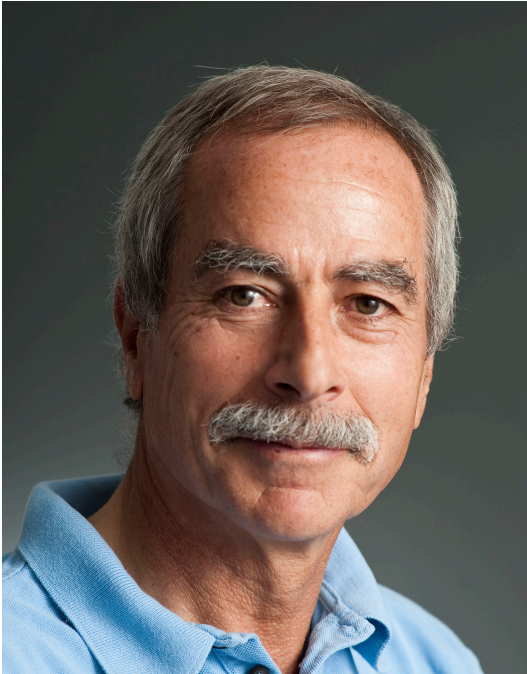


The 2011 Fritz London Memorial Prize Winners

Gerd Schön (Karlsruhe Institute of Technology, Germany)
<http://www.tfp.uni-karlsruhe.de/~schoen/>



Citation:

"The Fritz London Memorial Prize is awarded to Gerd Schön in recognition of his theoretical contributions to the understanding of superconductivity in mesoscopic systems, including work on dissipative quantum mechanics of junctions and the proposal of the superconducting charge qubit."

Gerd Schön is Professor of Physics at Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany. After studying superconductivity in Karlsruhe, performed under the supervision of Albert Schmid, and after periods as postdoc and Heisenberg fellow in Karlsruhe and Jülich and 4 years in the USA at Cornell University, UC Berkeley, and UC Santa Barbara he was appointed in 1988 full

professor at the TU Delft in The Netherlands. Since 1991 he has been holding a chair for Theoretical Solid State Physics at the University of Karlsruhe (now Karlsruhe Institute of Technology). In addition, since 1998 he has been group leader at the Institute of Nanotechnology of the KIT. He is a founding member of the DFG Center for Functional Nanostructures (CFN). The research interests of Gerd Schön include various aspects of the theory of electron transport in nanostructures and superconductors with particular focus on quantum and single-electron effects, as well as quantum manipulations of solid state devices. Gerd Schön's professional activities include: 2003-2006 chairman of the division "Low Temperature" and 2009 - present chairman of the Section "Condensed Matter" of the German Physical Society. Gerd Schön received 1989 the Walter Schottky prize of the German Physical Society, 1995 the A.V. Humboldt award of the Academy of Finland, and 2001 the Miller Visiting Professor award of UC Berkeley.