Fifth Biannual Distinguished Lecture in Quantum Magnetism

Quantum Magnetism Laboratory, Department of Physics and Astronomy, and Department of Chemistry

Hilbert von Löhneysen
Karlsruhe Institute of Technology (KIT)

Magnetic Quantum Phase Transitions at Absolute Zero

Wednesday, April 7, 2010, 4:00 p.m.
210 Herzstein Hall
Rice University

A reception immediately follows the lecture in the Physics and Astronomy Lounge

Hilbert von Löhneysen is Professor of Physics at the University of Karlsruhe, Germany. He is also Co-Founder of the Institute of Nanotechnology and Director of the Institute for Solid State Physics at the National Research Center Karlsruhe. These institutions joined recently to form the Karlsruhe Institute of Technology (KIT). He received his PhD from the University of Cologne in 1976, and spent part of his research career at the Centre de Recherches sur les Trés Basses Températures, Grenoble, France and RWTH Aachen University, Aachen, Germany. His research covers a wide range of topics, including strongly correlated electron systems, magnetism and superconductivity, quantum phase transitions, electronic properties of metallic nanostructures, thin films, and multilayers. He is an elected member of the Heidelberg Academy of Sciences and Humanities and the German Academy of Science and Engineering. Since 2006, he has been a member of the German Council of Science and Humanities.