THEORETISCH PHYSIKALISCHES KOLLOQUIUM


Es spricht:
Prof. Ian Affleck
University of British Columbia, Canada

zum Thema:
"From string theory to quantum dot experiments"

Abstract
Part of the string theory revolution of the 1980’s was the development of conformal field theory. While its applicability as a theory of everything is still unclear, it led to solutions of models of conduction electrons interacting with magnetic impurities that predict remarkable behaviour. A gated semi-conductor device was recently tailored to finally provide an indisputable experimental realization of this theory. I will give a non-technical review of both theory and experiments.

Raum: 46-576
Zeit: 15:30 Uhr

Gäste sind herzlich willkommen.

Die Dozenten der Theoretischen Physik