

Boulder School for Condensed Matter and Materials Physics

Physics of Mesoscopic Systems

July 4 - July 29, 2005

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Quantum Interference in Metals
Quantum Interference and Relaxation
Interaction Effects in Quantum Dots
Spin Related Physics; Quantum Hall Effect
Electrons in One Dimension
Topics in Nonequilibrium Electron Transport
Quantum Dot Mesoscopics
Carbon Nanotubes
Metal Nanoparticles
Nanomechanics
Noise and Quantum Measurement
Ballistic Transport
Quantum Hall Effect

Scientific Organizers:

Igor Aleiner, Anton Andreev, Piet Brouwer,
and Konrad Lehnert

Local Organizer: Leo Radzihovsky

The school will pay for most local expenses, and there are travel grants available for participants from U.S. universities. Students and postdocs interested in participating should submit an electronic application by the February 18 deadline. The application form, and detailed information regarding housing, travel and financial support are available at

<http://research.yale.edu/boulder>

The Boulder School in Condensed Matter and Materials Physics provides expert training, not usually available within the traditional system of graduate and post-graduate education, for advanced graduate students and postdoctoral researchers working in condensed matter physics, materials science and related fields. The School is supported by the National Science Foundation, with additional funding provided by the University of Colorado and NIST, and meets annually during July in Boulder, Colorado.

