



SFB/TRR 21 - Colloquium

1. Juni 2012, Ulm

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Feedback control of Quantum Systems

I will introduce the topic of feedback control, and describe how this technique from engineering can be applied to quantum systems. I will explain how controlling quantum systems using feedback differs from controlling classical systems, and describe some of the most interesting results that have come out of the field in the last few years. I will then discuss recent state-of-the-art experiments, and the mesoscopic systems in which feedback is expected to be realized in the near future.

1. Juni 2012, 14:00 Uhr

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