

Analysis Seminar

**Dr. Marco Merkli,
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**Monday, November 14, 2011,
HH-3013, 1:00p.m.**

"Spectral deformation and applications"

Abstract:

We explain the method of spectral deformation, also called method of complex scaling, used in the spectral analysis of operators. This method allows to perform analytic perturbation theory of eigenvalues that are embedded in continuous spectrum. Part of the talk will focus on applications to quantum systems.