



universität
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Fakultät für Mathematik

Außerordentliches Mathematisches Kolloquium

EINLADUNG

Wilhelm Schlag
(University of Chicago)

“On structure results for intertwining operators”

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Abstract:

The intertwining wave operators are basic objects in the scattering theory of a Hamiltonian given as the sum of a Laplacian with a potential. These Hamiltonians are the classical Schrödinger operators of quantum mechanics. For the three dimensional case we will discuss a new representation of the wave operators as superpositions of reflections and translations. In addition, we will also describe some work on random decaying potentials, such as by Bourgain. This is joint work with Marius Beceanu, Albany.

Mittwoch, 19. April 2017

14.30 Uhr: Kaffeejause

15.00 Uhr: Vortrag

**Fakultät für Mathematik
Oskar-Morgenstern-Platz 1
Sky Lounge**

Hans Georg Feichtinger
Christian Krattenthaler