

MINICOURSE  
on

Analytical methods in the theory of  
Schrödinger operators with quasiperiodic  
potentials

by

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**Abstract:** We will present some of the tools developed by Bourgain, Goldstein, and the speaker to study a class of Schrödinger operators on both the line  $\mathbb{Z}$  as well as higher-dimensional lattices. These methods rely on properties of subharmonic functions, but also involve ideas from semi-algebraic sets.

Time: 25.–27.9.2013; Wed,Thu,Fri 10:00 – 12:00

Location: Seminar room 15, 3rd floor, OMP1

Faculty of Mathematics  
University of Vienna  
Oskar-Morgenstern-Platz 1  
1090 Wien

Organized by Aleksey Kostenko and Gerald Teschl