

# Spectral Theory and Dynamics of Quantum Systems

GRADUIERTENKOLLEG 1838

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Guest Lecture

**Prof. Thomas Hoffmann-Ostenhof**

Universität Wien

**Minimal partitions and nodal domains.  
Recent results and open problems.**

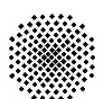
December 7, 2015

16:00 h, Room 8.122

University of Stuttgart, Pfaffenwaldring 57

Abstract:

I discuss results which were obtained in collaborations with B. Helffer, S. Terracini and V. Bonnard. After introducing the notion of spectral minimal partitions and the relation to Courant's nodal theorem, I discuss some results and questions related to Pleijel's quantitative version of Courant's nodal theorem.



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