



# Spectral Theory and Dynamics of Quantum Systems

GRADUIERTENKOLLEG 1838

## Stuttgart-Tübinger Doktorandenseminar

15. Juli 2016

Universität Tübingen, Auf der Morgenstelle 16

Raum 7E02 im Hörsaalzentrum

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### Programm

10.30 – 11.00

**Dr. Stefan Keppeler:** Particle creation and annihilation at interior boundaries

11.00 – 11.30

**Lenon Minorics:** Eigenvalue approximation of Krein-Feller-operators w.r.t. invariant, singular measures

11.30 – 12.00

**Alissa Geisinger:** The BCS functional in two spatial dimensions with a radial pair interaction

12.00 – 12.30

**Steffen Gilg:** Validity of the NLS approximation for periodic quantum graphs

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