

Spirit Summer School on Dynamical Approaches in Spectral Geometry



Microlocal Methods in Global Analysis

Göttingen, August 27-30, 2018

Introductory course

Dorothea Bahns

Ingo Witt

**Introduction to
microlocal analysis**



Advanced courses

Clara Aldana (Luxembourg)

Polyakov formulas and heat kernels on surfaces

Tobias Hartung (KCL, London)

Zeta functions of Fourier integral operators

Tobias Weich (Paderborn)

Dynamical resonances via microlocal analysis

Michal Wrochna (Grenoble)

Microlocal methods in quantum field theory on curved spacetimes

Organizing committee:

Dorothea Bahns (Göttingen)

Elmar Schrohe (Hanover)

Ingo Witt (Göttingen)

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