

Minisymposium 13

Operatortheorie

Bernhard Gramsch (Mainz), Birgit Jacob (Wuppertal), Marko Lindner (Chemnitz), Carsten Trunk (Ilmenau)

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Montag, 19. September**Seminargebäude, S23**

- 14:00 Johannes Brasche (Clausthal-Zellerfeld)
On the absolutely continuous spectra of selfadjoint extensions
- 14:30 Christian Wyss (Wuppertal)
Bounded solutions of operator Riccati equations
- 15:00 Carsten Trunk (Ilmenau)
Variational Principles of Eigenvalues of a Class of Block Operator Matrices
- 15:30 Friedrich Philipp (Berlin)
Bounds on the non-real spectrum of indefinite Sturm-Liouville operators

16:00h – 16:30h Pause

- 16:30 Rainer Picard (Dresden)
A class of Time-Shift Invariant Evolutionary Equations with an Application to Acoustic Waves with Impedance Type Boundary Conditions
- 17:00 Sascha Trostorff (Dresden)
Well-posedness and causality of a class of evolutionary inclusions
- 17:30 Birgit Jacob (Wuppertal)
Weighted interpolation in Paley-Wiener spaces and finite-time controllability
- 18:00 Sebastian Häsler (Chemnitz)
Generalized solutions and spectrum for Dirichlet form on graphs

Dienstag, 20. September**Seminargebäude, S23**

- 14:00 Marko Lindner (Chemnitz/Freiberg)
Spectra and Finite Sections of Random Jacobi Operators
- 14:30 Swanhild Bernstein (Freiberg)
Inverse Scattering with Dirac Operators
- 15:00 Kenro Furutani (Tokyo)
Heat Kernel of Grushin Operator and Complex Hamilton-Jacobi Method
- 15:30 Jonathan Eckhardt (Wien)
Inverse spectral theory for Schrödinger operators with strongly singular potentials: a uniqueness theorem

16:00h – 16:30h Pause

- 16:30 Bernhard Gramsch (Mainz)
Fredholm Operatoren in topologischen Algebren der mikrolokalen Analysis
- 17:00 Hassan Issa (Göttingen)
Commuting Toeplitz operators with quasi-homogeneous symbols on the Segal-Bargmann space
- 17:30 Joshua Isralowitz (Göttingen)
Schatten class Toeplitz and Hankel operators on the Segal-Bargmann and Bergman spaces
- 18:00 Wolfram Bauer (Göttingen)
Algebraic properties and the finite rank problem for Toeplitz operators