Minisymposium 13

Operatortheorie

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

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 uniquen-
           ess 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