

Young Researchers Workshop on Spectral Theory

Bern, October 28–30, 2015

Schedule

Wednesday, October 28, room B116

09.15 - 09.30	<i>Welcome & Opening</i>
09.30 - 10.00	Joseph Viola: <i>Evolution equations with non-self-adjoint supersymmetric quadratic operators</i>
10.10 - 10.40	Gian Michele Graf: <i>The real spectrum of the imaginary cubic oscillator</i>
10.50 - 11.20	<i>Coffee break (room B13)</i>
11.20 - 11.50	Radek Novák: <i>On the pseudospectrum of the harmonic oscillator with imaginary cubic potential</i>
12.00 - 12.30	Frank Rosler: <i>A bound on the pseudospectrum of the harmonic oscillator with imaginary cubic potential</i>
12.40 - 14.00	<i>Lunch</i>
14.00 - 14.30	Raphael Henry: <i>Non-selfadjoint models in superconductivity</i>
14.40 - 15.10	Sabine Bögli: <i>Spectral approximation for unbounded linear operators with compact resolvents</i>
15.20 - 15.50	František Štampach: <i>Spectral analysis of a complex Jacobi matrix associated with Jacobian elliptic functions</i>
16.00 - 17.00	<i>Coffee break & discussions (room B13)</i>

Thursday, October 29, room B5

10.10 - 10.40	Franz Hanauska: <i>On the number of eigenvalues of linear operators on Banach spaces</i>
10.50 - 11.20	<i>Coffee break (room B13)</i>
11.20 - 11.50	Marcel Hansmann: <i>From spectral theory to bounds on zeros of holomorphic functions (and vice versa)</i>
12.00 - 12.30	Jean-Claude Cuenin: <i>L^p resolvent estimates for magnetic Schrödinger operators with unbounded background fields</i>
12.40 - 14.00	<i>Lunch</i>
14.00 - 14.30	Boris Mityagin: <i>Systems $S(nx)$</i>
14.40 - 15.10	Albrecht Seelmann: <i>On an estimate in the subspace perturbation problem</i>
15.20 - 16.30	<i>Coffee break & discussions (room B13)</i>

Friday, October 30, room B5

09.30 - 10.00	Julien Royer: <i>Local energy decay and diffusive properties in a dissipative waveguide</i>
10.10 - 10.40	Vladimir Lotoreichik: <i>Spectra of definite type, tensor products, and non-self-adjoint waveguides</i>
10.50 - 11.20	<i>Coffee break (room B13)</i>
11.20 - 11.50	Felix Schwenninger: <i>On results around the Inverse Generator Problem</i>
11.50 - 12.00	<i>Closing</i>
12.00 - 14.00	<i>Lunch</i>