Schedule for Thematic Session VII:
Spectral theory and differential operators
Lecture Hall IV of Mathematics Department

Organizers: Paul Binding, Tom ter Elst and Carsten Trunk

Monday, December 16

Time	Speaker	Title
14:15 – 15:00	Carsten Trunk	On a class of Sturm-Liouville operators which are connected to PT quantum mechanics
15:00 – 15:45	Rostyslav Hryniv	Reconstruction of Sturm-Liouville operators with energy-dependent potentials

Tuesday, December 17

Time	Speaker	Title
14:15 – 15:00	Vadim Kostrykin	The div A grad without ellipticity
15:00 – 15:45	Pierre Portal	Non-autonomous parabolic systems with rough coefficients
15:45 – 16:30	Jonathan Rohleder	Titchmarsh-Weyl theory for elliptic differential operators

Wednesday, December 18

Time	Speaker	Title
14:15 – 15:00	Alexei Rybkin	On the Hankel operator approach to completely integrable systems
15:00 – 15:45	Andreas Ioannidis	The eigenvalue problem for the Cavity Maxwell operator
15:45 – 16:30	Petr Siegl	Root system of perturbations of harmonic and anharmonic oscillators

Thursday, December 19

Time	Speaker	Title
14:15 – 15:00	Maria Kovaleva	Stokes graph and non-oscillating solutions
15:00 – 15:45	Kiran Kumar	Truncation method for random bounded self-adjoint operators
15:45 – 16:30	Anton Popov	Spectral analysis for three coupled strips quantum graph