

WTZ Workshop
Schrödinger Operators and Boundary Value
Problems

Graz University of Technology
Seminar room MBI, Kopernikusgasse 24, 3rd floor

24 – 28 April 2017

Monday, April 24

Time	Name	
10:00	M. Holzmann Graz	Magnetic Schrödinger operators with electric δ -potentials
11:00	D. Barseghyan Ostrava	A regular analogue of the Smilansky model
12:00		Lunch
14:00	V. Lotoreichik Prague	Optimization of the lowest eigenvalue induced by singular interactions
15:00		Discussions

Tuesday, April 25

Time	Name	
10:00	P. Exner Prague	Leaky graphs and Robin billiards: some open problems
11:00	M. Khalile Paris	Robin Laplacian on infinite sectors and application to polygons
12:00		Lunch
14:00		Discussions

Wednesday, April 26

Time	Name	
8:00		Excursion to the Schöckl
14:00	A. Khrabustovskyi Karlsruhe	Periodic Schrödinger operators with δ' -potentials
15:00	P. Schlosser Graz	A Lieb-Thirring inequality for Schrödinger operators with δ -potentials supported on a hyperplane
16:00		Discussions

Thursday, April 27

Time	Name	
10:00	S. Stadler Graz	Eigenvalue inequalities for partial differential operators
11:00	J. Behrndt Graz	The Birman-Schwinger principle and embedded eigenvalues
12:00		Lunch
14:00		Discussions
18:00		Summary and future plans
19:00		Farewell Party

Friday, April 28

Time	Name	
10:00		Discussions
12:00		Lunch
14:00		Discussions