

Program of the joint workshop of the RTG 1838 and the iRTG of the CRC 1173 in November, 2017

	Thursday (16.11.17)	Friday (17.11.17)
09 – 10		<u>Olaf Post</u> 09:00-09:45 <i>A short introduction to quantum graphs</i>
10 – 11		<u>Lea Boßmann</u> 09:45-10:15 <i>The NLS limit for strongly confined bosons</i>
10 – 11	Anreise	Kaffeepause (30')
11 – 12	<u>Christian Lubich</u> 10:45-11:45 <i>Sobolev stability of plane wave solutions to the cubic nonlinear Schrödinger equation on a torus and of numerical discretizations</i>	<u>Sebastian Herr</u> 10:45-11:30 <i>Nonlinear Dirac equations and related systems</i>
11 – 12	<u>Johannes Eilinghoff</u> 11:45-12:15 <i>Exponential splitting methods for the cubic NLS</i>	<u>Tobias Schmid</u> 11:30-12:00 <i>The Schrödinger map flow and related geometric evolution problems</i>
12 – 13	Mittagspause (75')	Mittagspause (75')
13 – 14	<u>Olaf Post</u> 13:30-14:30 <i>A short introduction to quantum graphs</i>	<u>Tobias Ried</u> 13:15-13:45 <i>Solitary waves in nonlocal NLS with dispersion averaged saturated nonlinearities</i>
14 – 15	<u>Steffen Gilg</u> 14:30-15:00 <i>The NLS approximation on periodic quantum graphs</i>	<u>Fabian Hornung</u> 13:45-14:15 <i>On uniqueness of solutions to the NLS</i>
15 – 16	Kaffeepause (30')	<u>Christian Lubich</u> 14:45-15:30 <i>Modulated Fourier expansions for continuous and discrete oscillatory systems</i>
16 – 17	<u>Sebastian Herr</u> 15:30-16:30 <i>Nonlinear Dirac equations and related systems</i>	Abreise
16 – 17	<u>Daniela Maier</u> 16:30-17:00 <i>Breathers in nonlinear wave equations on periodic quantum graphs</i>	
17 – 18	Pause (60')	<u>Hinweise</u> Die Vorträge finden in SR 1.067 statt.
18 – 21	Abendessen	Die Kaffeepausen finden in Raum 1.058 statt. Das Abendessen findet in Raum 1.058 statt.