

Sixth Symposium on Topological Quantum Computation

PROGRAMME

Monday September 15

Time	Speaker	Title
11:00	Coffee/Tea	
11:30	Marianne Leitner (DIAS)	<i>Boundary states and edge currents for free fermions</i>
12:15	Ahmet Bölükbaşı (NUI Maynooth)	<i>Vortices in Kitaev's Honeycomb Model</i>
13:00	Lunch	
14:30	Grégoire Misguich (CEA-Scalay)	<i>Topological order in Mott insulators and dimer models</i>
16:00	Coffee/Tea	
16:30-17:15	Oliver Buerschaper (MPI Garching)	<i>Tensor networks and topological phases</i>

Tuesday September 16

Time	Speaker	Title
9:30	Zhenghan Wang (MS Station Q)	<i>Topological properties of Abelian and non-Abelian quantum Hall states from the pattern of zeros</i>
11:00	Coffee/Tea	
11:30	Nicolas Regnault (LPA, CNRS)	<i>A colorful approach to the fractional quantum Hall effect</i>
12:15	James Wootton (University of Leeds)	<i>Emergence of non-abelian statistics from an abelian model</i>
13:00	Lunch	
14:30	Benoit Doucot (LPTHE, CNRS)	<i>Physical implementation of protected qubits</i>
16:00	Coffee/Tea	

Wednesday September 17

Time	Speaker	Title
9:30	Kareljan Schoutens (Univ. of Amsterdam)	<i>Non-abelian anyons: when Ising meets Fibonacci</i>
11:00	Coffee/Tea	
11:30	Gunnar Möller (Cambridge)	<i>Quantum Hall effect of bosons in optical lattices</i>
12:15	Ville Lahtinen (University of Leeds)	<i>Braid statistics as a holonomy in Kitaev's honeycomb lattice model</i>