

Programme on
“Topological Phases of Quantum Matter”

organized by

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Schedule of Talks: September 1 - 5, 2014:

• **Monday, September 1, 2014**

10:30 – 11:00 *Coffee/tea*

11:00 – 12:30 **Anton Akhmerov**

Increasing and decreasing the dimensionality of topological insulators

12:30 – 14:00 *Lunch break*

14:00 – 15:30 **Duncan Haldane**

Quantum geometry of the fractional quantum Hall fluids and other topological matter (Part 2)

• **Tuesday, September 2, 2014**

10:30 – 11:00 *Coffee/tea*

11:00 – 12:30 **Adam Sawicki**

n-particle statistics on quantum graphs

12:30 – 14:00 *Lunch break*

14:00 – 15:30 **Thomas Quella**

Topological phases of fractionalized Majorana fermions (parafermions) in one dimension

• **Wednesday, September 3, 2014**

10:30 – 11:00 *Coffee/tea*

11:00 – 12:30 **Guiseppe de Nittis**

Differential geometry for time-reversal symmetric Bloch bundles

12:30 – 14:00 *Lunch break*

14:00 – 15:30 **Jan Carl Budich**

Dissipative Chern insulators

- **Thursday, September 4, 2014**

10:30 – 11:00 *Coffee/tea*

11:00 – 12:30 **Jürgen Fuchs**

Twist defects in topological multilayer systems

12:30 – 14:00 *Lunch break*

14:00 – 15:30 **Kasper Duivenvoorden**

Topological quantum error correcting codes

- **Friday, September 5, 2014**

10:30 – 11:00 *Coffee/tea*

11:00 – 12:30 **Philipp Werner**

Tuning material properties by light

All lectures take place at the ESI, Boltzmann Lecture Hall