

Schedule for the School on Topological Quantum Matter (9-21 February 2015)

Week 1: 9-14 February

Date	09:00-10:30	11:00-12:30	12:30-02:00	02:00-03:30	04:00-05:30	06:00-07:30
Feb 9**	Altland	Hermanns	Lunch	Sivan	Madhavan	Meet with Students
Feb 10	Altland	Sivan		Hermanns	Diehl	Tutorial
Feb 11	Altland	Hermanns		Afternoon Break		Tutorial
Feb 12	Altland	Hermanns		Rosenow	Gruzberg	Tutorial
Feb 13	Altland	Mudry		Gornyi	Tutorial	Poster Session
Feb 14	Mudry	Gruzberg		Round Table	—	—

** 09:00-09:15 Welcome by Director. First two lectures on Monday will be shifted by 15 minutes. Lunch Break would be from 12:45 to 02:00.

Week 2: 16-21 February

Date	09:00-10:30	11:00-12:30	12:30-02:00	02:00-03:30	04:00-05:30	06:00-07:30
Feb 16	Eisert	Mudry	Lunch	Gruzberg	Eisert	Tutorial
Feb 17	Eisert	Mudry		de Martino	Eisert	Poster Session
Feb 18	Eisert	Mudry		Gruzberg	Bagrets	Tutorial
Feb 19	de Martino	Sivan		Afternoon Break		Tutorial
Feb 20	de Martino	Sivan		Round Table	Bennett***	Round Table
Feb 21	de Martino	—		Summary Session	—	—

*** HRI Colloquium by Charles Bennett.

List of Courses

A. Altland (Koeln, Germany)	Symmetry Classes and Topology
J. Eisert (FU Berlin, Germany)	Quantum Information Theory
I. Gruzberg (Ohio State, USA)	Topological Insulators
M. Hermanns (Koeln, Germany)	Non-abelian Statistics
A. de Martino (City University, UK)	Relativistic Conductors
C. Mudry (Paul Scherrer Institute, Switzerland)	Interactions in Topological Matter
I. Sivan (Weizmann Institute, Israel)	Interference in Quantum Hall Effect

List of Seminars

D. Bagrets (Koeln, Germany)	Harish-Chandra Spherical Functions, Topology and Mesoscopics
S. Diehl (Innsbruck, Austria)	Topology by Dissipation in Ultracold Quantum Gases
Y. Gefen (Weizmann, Israel)	Topological numbers of Neutral modes
I. Gornyi (Karlsruhe, Germany)	Interaction and Disorder in Topological Insulators
V. Madhavan (Illinois, USA)	Massless and massive Dirac fermions in Condensed Matter Systems
G. Murthy (Kentucky, USA)	Analytical approaches to Chern bands
B. Rosenow (Leipzig, Germany)	Interferometry with Anyons