

WINTER PHD SCHOOL ON *STATISTICAL FIELD THEORIES*

The Galileo Galilei Institute for Theoretical Physics
Arcetri, Firenze

February 5-16, 2018

Organizers: P. Calabrese, A. Cappelli, F. Colomo, F. Essler, G. Mussardo

The school will offer postgraduate lectures on topics of low-dimensional quantum field theory, conformal field theory and integrable systems, together with the applications to statistical mechanics and condensed matter systems. Introductory subjects as well as recent advances will be covered.

The school can admit up to forty participants. Accommodation for two weeks in twin rooms will be provided for a total price of about 3-400 €. Financial support to accommodation expenses may be provided, upon request, to about twenty participants.

The courses will be officially part of the Italian Ph.D. training program for the universities that have joined the initiative. For this purpose there will be the possibility of a final exam with the lecturers.

Lecturers

A. Cappelli (INFN, Florence): "Introduction to Topological States of Matter"

M. Dalmonte (ICTP, Trieste): "Topological Phases in Cold-Atom Systems"

S. N. Majumdar (Orsay, Paris): "Introduction to Random Matrices"

M. Müller (PSI, Villingen): "Many-Body Localization"

H. Spohn (TU, Munchen): "Kardar-Parisi-Zhang Universality Class"

Deadline of application: November 15, 2017

Web-page: <http://theory.fi.infn.it/SFTschool/>, <http://www.ggi.fi.infn.it/>