

INTERNATIONAL INSTITUTE
FOR ADVANCED
SCIENTIFIC STUDIES



E. R. Caianiello

ISTITUTO INTERNAZIONALE
PER GLI ALTI
STUDI SCIENTIFICI

SUMMER SCHOOL

October 6 - 17, 2014

IIASS - Vietri sul Mare (Salerno) - Italy

XVIII Training Course in the Physics of Strongly Correlated Systems

TOPICS

Topological Insulators and Superconductor: Materials, Models and Experiments.

Classification and Axiomatic Field Theory for Topologically Ordered Phases of Matter.

Fractional Quantum Hall Effect and Fractional Chern Insulators.

Quantum Transport in Low-dimensional Topological Materials.

LECTURERS

M. Zahid Hasan (*Princeton University, USA*)

Titus Neupert (*Princeton University, USA*)

Nicolas Regnault (*Laboratoire Pierre Aigrain, ENS, France*)

Michael Wimmer (*Delft University of Technology, The Netherlands*)

SPONSORS

*Università degli Studi di Salerno
Dipartimento di Fisica "E.R. Caianiello"
European Physical Society*

DIRECTOR OF THE COURSE

Prof. Ferdinando Mancini

COORDINATOR OF THE COURSE

Dr. Roberta Citro

Detailed information and application form at the web site:
<http://www.iiassvietri.it/it/home-xviii-t-c.html>

