

INTERNATIONAL INSTITUTE
FOR ADVANCED
SCIENTIFIC STUDIES



E. R. Caianiello

ISTITUTO INTERNAZIONALE
PER GLI ALTI
STUDI SCIENTIFICI

SUMMER SCHOOL

October 6 - 17, 2008

IIASS - Vietri sul Mare (Salerno) - Italy

XIII Training Course in the Physics of Strongly Correlated Systems

TOPICS

*Collective quantum effects in simple insulators.
Novel quantum condensates in excitonic matter.
Introduction to Unconventional Superconductivity.
Quantum Monte Carlo methods.*

LECTURERS

Gabriel Aeppli (*United Kingdom*), **Peter Littlewood** (*United Kingdom*),
Manfred Sigrist (*Switzerland*), **Matthias Troyer** (*Switzerland*).

ORGANIZING COMMITTEE

Adolfo Avella

Ferdinando Mancini

Maria Marinaro

SPONSORS

Dipartimento di Fisica "E.R. Caianiello", Università degli Studi di Salerno

European Science Foundation

Istituto Internazionale per gli Alti Studi Scientifici "E.R. Caianiello"

Detailed information and application form at the web site: <http://scs.physics.unisa.it/TCXIII>