



27th Indian-Summer School of Physics

GRAPHENE

THE BRIDGE BETWEEN LOW- AND HIGH ENERGY PHYSICS

September 14-18, 2015, Prague, Czech Republic

TOPICS:

- low-energy physics of graphene: theory, experiments, and prospects
- aspects of the (2+1)-dimensional quantum field theory
- topological quantum field theory
- relativistic quantum systems in condensed matter
- graphene and quantum cosmology

LECTURERS:

- **R. JACKIW** (Massachusetts Institute of Technology, USA)
- **S. BELLUCCI** (INFN Laboratori Nazionali di Frascati, Italy)
- **A. IORIO** (Charles University, Prague, Czech Republic)
- **A. MARZUOLI** (Pavia University, Italy)
- **J. PACHOS** (University of Leeds, UK)
- **F. PEETERS** (University of Antwerp, Belgium)
- **J. ZANELLI** (Centro Estudios Científicos, Chile)

VENUE: Charles University, Malostranské náměstí (Lesser Town Square)

ORGANIZERS: A. Iorio (chairman), V. Jakubský (chairman), P. Bydžovský, J. Dolejší, R. Leitner, J. Mareš

<http://rafael.ujf.cas.cz/school>

Registration deadline 30.06.2015

SUPPORT:

European Social Fund (ESF) in the Czech Republic: "Education for Competitiveness Operational Programme" (ECOP)
Committee for Collaboration of CR with CERN, Committee for Collaboration of CR with JINR Dubna
Institute of Particle and Nuclear Physics, Faculty of Mathematics and Physics, Charles University in Prague
Nuclear Physics Institute CAS, Rez



esf
european
social fund in the
czech republic



EUROPEAN UNION



MINISTRY OF EDUCATION,
YOUTH AND SPORTS



OP Education
for Competitiveness

INVESTMENTS IN EDUCATION DEVELOPMENT

