



Joint 9th IDPASC SCHOOL and XXXI INTERNATIONAL SEMINAR of NUCLEAR and SUBNUCLEAR PHYSICS "Francesco Romano" 27 May - 4 June 2019, Otranto (Italy)

Joint 9th IDPASC SCHOOL and XXXI INTERNATIONAL SEMINAR of NUCLEAR and SUBNUCLEAR PHYSICS "Francesco Romano"

The pioneering approach of the International Seminar of Nuclear and Subnuclear Physics "Francesco Romano" has traditionally been of combining scientific and applicative topics, with the goal of training a new model of researcher, able to communicate efficiently with the general public, the industry, the financial and political institutions, and to get an economical gain from the outcome of the research through the transfer of knowledge and technology towards the production system.

This year, the XXXI edition of the Seminar is organized jointly with the 9th edition of the yearly IDPASC (International Doctorate Network in Particle Physics, Astrophysics and Cosmology) School.

IDPASC is an interdisciplinary network whose aim is to train a new generation of high-level experts in the fields of Particle Physics, Astrophysics and Cosmology.

<http://www.ba.infn.it/otrantoschool>



SCHOOL TOPICS

HEP Theory (Michelangelo Mangano, CERN)

Results from LHC (Albert de Roeck, University of Antwerp)

Future Particle Colliders (Nadia Pastrone, INFN Turin)

Review of Cosmic Rays (Mario Pimenta, IST Lisboa)

Review of Gamma-Ray and Neutrino Astronomy (Alessandro De Angelis, University of Udine)

Review of Underground Physics (Oliviero Cremonesi, University of Milan Bicocca and GSSI)

Gravitational Waves (Jan Harms, GSSI)

Hadron physics and Future Electron-Ion Collider (Marco Battaglieri, INFN Genoa)

Transfer of Knowledge (Ezio Previtali, INFN Milan Bicocca)

How to Apply for European Grants (Amedeo Staiano, INFN Turin)

Third Mission Inside and Outside INFN (Giorgio Chiarelli, INFN Pisa)

A Public Lecture held by Roberto Battiston (University and INFN, Trento) will close the School at Otranto Castle



The School will take place at the Serra degli Alimini 1 resort at close distance from Otranto at the South-Eastern tip of Italy

VENUE

The school is organized by the Department of Physics "M. Merlin" of University and Polytechnic University of Bari, by the Istituto Nazionale di Fisica Nucleare (INFN), the Gran Sasso Science Institute (GSSI) and the Department of Mathematics and Physics "E. Giorgi" of University of Salento, Lecce.



Scientific Committee

Roberto Aloisio (GSSI and INFN)

Valter Bonvicini (INFN Trieste)

Fabio Bossi and Edoardo Gorini (University and INFN, Lecce)

Ivan De Mitri (GSSI and INFN)

Alberto Lerda (University of Eastern Piedmont and INFN)

Eugenio Nappi (INFN Bari)

Marco Pallavicini and Mauro Taiuti (University and INFN, Genoa)

Nadia Pastrone (INFN Turin)

Mario Pimenta (IST, Lisbon)

Elisabetta Durante (Scientific Journalist, Bari)

School Coordinators

Mauro de Palma and Salvatore Nuzzo

Local Organizing Committee

Giuseppe Eugenio Bruno, Anna Paola Caricato, Gabriella Cataldi,

Marco Circella, Anna Colaleo, Vito Manzari, Antonio Marrone,

Mario Nicola Mazziotta, Salvatore My, Antonio Ranieri, Andrea Ventura