

International School of Physics "Enrico Fermi"- 2017

Course 201 - Nuclear Physics with Stable and Radioactive Ion Beams

14 - 19 July 2017

Directors

Fabiana Gramegna – INFN, Laboratori Nazionali di Legnaro (Italy)

Piet Van Duppen – KU Leuven (Belgium)

Andrea Vitturi – Università di Padova (Italy)

Scientific Secretary

Sara Pirrone – INFN, Sezione di Catania (Italy)

Topics

Nuclear shell model

Density functional theory

Nuclear transfer processes with RIBs

Clustering phenomena in nuclei

Nuclear reactions

Coulomb excitation processes

Beta-decay with RIBs

Symmetry in nuclei

Laser spectroscopy with RIBs

Lecturers and Seminar Speakers

Giovanna Benzoni – INFN, Sezione di Milano (Italy)

Angela Bracco – Università di Milano and INFN, Sezione di Milano (Italy)

Gianluca Colò – Università di Milano (Italy)

Francesco Iachello – Yale University (USA)

Yoshiko Kanada – Kyoto University (Japan)

Wolfram Kortén – CEA, Saclay, Gif-sur-Yvette (France)

Giovanni La Rana – Università di Napoli "Federico II" (Italy)

Luciano Moretto – LBL, Berkeley (USA)

Antonio Moro – Universidad de Sevilla (Spain)

Wilfried Nörtershäuser – Technische Universität Darmstadt (Germany)

Takaharu Otsuka – University of Tokyo (Japan)

Angelo Pagano – INFN, Sezione di Catania (Italy)

Riccardo Raabe – KU Leuven (Belgium)

Renato Angelo Ricci – Università Padova and INFN, Laboratori Nazionali di Legnaro (Italy)

Deadline for application: 30 April 2017

Participation fee: €900,00 (VAT included) for attendance, board, lodging and Proceedings

Correspondence and application forms should be sent to:

Sara Pirrone

INFN, Sezione di Catania

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[Application form \(pdf\)](#)

[Application form \(doc\)](#)