

20/7/2015

8:30-9:30 Registration

9:30-11:00

Parallel introductory lectures

11:00-11:30 Coffee break

11:30-12:30

Isao Tanihata (*Osaka and Beijing*)

How it all started

12:30-14:00 Lunch

14:00 -16:00

Magda Kowalska (*CERN, Geneva*)

Global properties of atomic nuclei: masses, radii and modern methods to measure them

16:00-16:30 Break

16:30 - 18:30

Riccardo Raabe (*Leuven*)

Making radioactive ion beams, detecting reaction products

18:30-19:30 Tutorials

21/6/2015

9:00-11:00

Giovanna Benzoni (*Milano*)

Strong, weak and electromagnetic forces at work in atomic nuclei, decay properties

11:00-11:30 Coffee break

11:30-13:30

Sonia Bacca (*TRIUMF, Vancouver*)

Structure models: from shell model to ab initio methods

13:30-15:00 Lunch

15:00-17:00

Stefan Typel (*GSI*)

Reaction theory

17:00--17:30 Break

17:30-18:50

Presentations (4) of country/laboratory activities (Spain-France-UK-Germany)

18:50-19:30

Tutorials

22/7/2015

9:00-11:00

Robert J. Charity (*St Louis*)

Resonance phenomena: from compound nucleus decay to proton radioactivity

11:00-11:30 Coffee break

11:30-13:30 Tomohiro Uesaka (*RIKEN*)

Experimental methods and measured observables with polarized proton targets: understanding spin-orbit

13:30-15:00 Lunch

15:00-17:00

Alexandre Obertelli (*Saclay*)

Probing nuclear structure with direct reactions: observables, methods and recent progress with rare isotopes

17:00-17:30 Break

17:30-18:10

Presentations (2) of country/laboratory activities (China-Japan)

18:10-19:00

Tutorials

23/7/2015

9:00-11:00

Andrea Jungclaus (*Madrid*)

Single particle versus collectivity, shapes of exotic nuclei

11:00-11:30 Coffee break

11:30-13:30

Lucio Gialanella (*Napoli*)

Radioactive ion beams in experimental nuclear astrophysics

13:30-15:00

Lunch

15:00-17:00

Ulli Koester (*ILL-Grenoble*)

Applications of physics of unstable nuclei to energy, medicine, material science

17:00-17:30 Break

17:30-18:30

Bjorn Jonson (*Göteborg*)

What's next in Nuclear Physics with RIBs

18:30-19:30

Final general discussion-tutorial

20:30 SOCIAL DINNER

24/7/2015

Visit to Legnaro. Presentation of Italian activities and laboratories.