

*... from the coordination of Second Andean School on Nuclear Physics*

The quest for the nature of the force that binds together nucleons to form stable and radioactive isotopes is still one of the biggest questions for nuclear physics in the XXI century. Several groups in the world support with their work the efforts to solve the complex nuclear puzzle. During decades, this basic research has developed a plethora of techniques that are of common use in medical and industrial applications, and in fact, it is more and more common to see strategic alliances between basic and applied research groups.

The aim of the "Second Andean School on Nuclear Physics" is to show the student some of the fields in which these common techniques are used, together with up-to-date developments in each one:

- experimental studies in nuclear structure,
- industrial applications with gamma-rays and neutrons,
- imaging techniques in medical physics,
- research reactors.

The School was organized by the Universidad Nacional de Colombia and the Universidad de los Andes in cooperation with the International Atomic Energy Agency and the Servicio Geológico Colombiano; and took place in Bogotá, Colombia, from 6 to 10 of October 2014.

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