

# Nucleus Nucleus 2015



**Sunday, June 21, 2015 - Friday, June 26, 2015**

**Dipartimento di Fisica ed Astronomia, Università di Catania**

## Scientific Program

The scientific subjects to be discussed at NN2015 will cover a wide spectrum of topics and will include a significant emphasis on applied aspects.

The Conference will consist of plenary, parallel and poster sessions. The plenary and parallel sessions will include invited talks and oral contributions selected from the submitted abstracts. The rest of contributions will be presented and discussed in the poster sessions.

The invited talks for the plenary and parallel sessions will be determined based upon IAC recommendations.

The Scientific Program will include the following topics:

## **Heavy and Superheavy Elements**

## **QCD and Hadron Physics**

## **Relativistic Heavy-Ion Collisions**

## **Nuclear Structure**

## **Nuclear Energy and Applications of Nuclear Science and Technologies**

## **Reactions and Structure - Unstable Nuclei**

## **Equation of State of Neutron-Rich Nuclear Matter, Clusters in Nuclei and Nuclear Reactions**

## **Fusion and Fission**

# **Nuclear Astrophysics**

## **New Facilities and Detectors**