

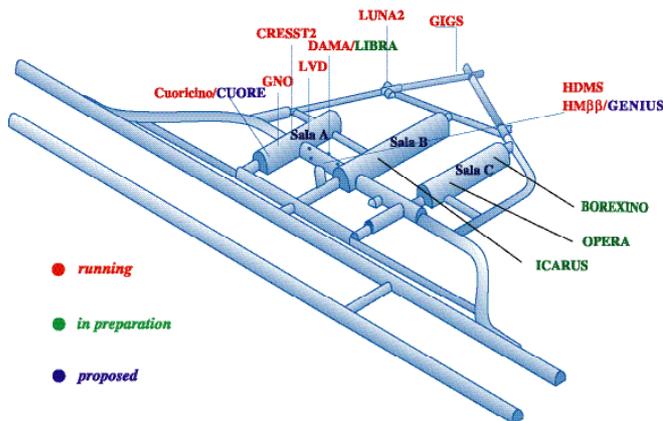
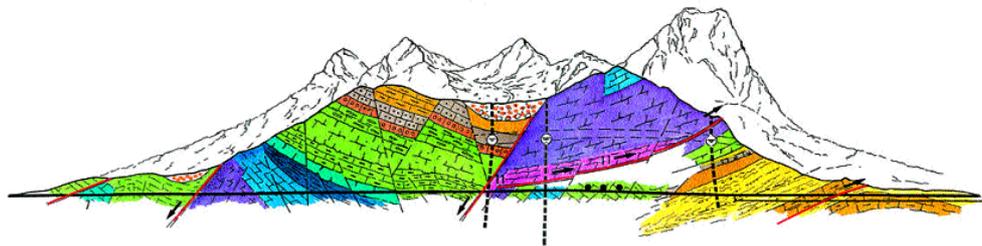
Gran Sasso National Laboratories

THE GRAN SASSO NATIONAL LABORATORIES (LNGS) ARE, BOTH IN SIZE AND INFRASTRUCTURE, THE MOST ADVANCED UNDERGROUND LABORATORIES WORLDWIDE.

THE LABORATORIES ARE IN ITALY, 120 KM EAST OF ROME, UNDER THE GRAN SASSO MASSIF.

THE LABORATORIES WERE COMPLETED IN 1987 AND, TODAY, HOST ABOUT 15 EXPERIMENTS CARRIED OUT BY ABOUT 720 RESEARCHERS FROM 25 COUNTRIES ALL OVER OF WORLD.

RESEARCH IS FOCUSED ON ASTROPARTICLE PHYSICS: NEUTRINOS, DARK MATTER AND RARE DECAYS.



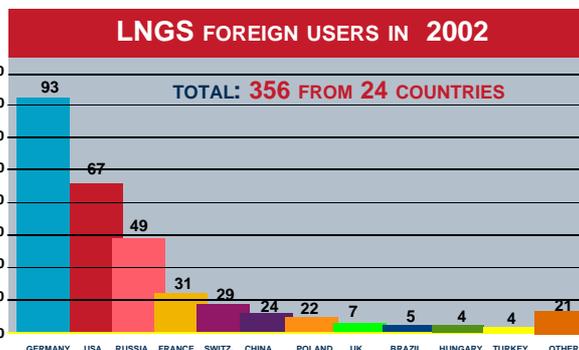
The INFN (National Institute for Nuclear Physics) is the national entity committed to the study of fundamental constituents of matter, and carries out research activity, theoretical as well as experimental, in the field of Subnuclear, Nuclear and Astroparticle Physics.

Fundamental research in these fields requires forefront technologies and research instruments expertly devised by the INFN Laboratories with the contribution of the world of industry.

INFN activities are carried out by its four Laboratories (Gran Sasso, Frascati, Legnaro and Catania) as well as by 19 divisions located in as many university physics departments.



The natural shield of 1,400 meters of rock allows scientists to work in the so-called "cosmic silence", looking for rare events. The Earth's surface, indeed, is continuously hit by an enormous amount of particles originating from the interaction of primary cosmic rays with atoms that constitute the atmosphere; under the mountain, inside the Laboratories, the flux of such particles is reduced to a part in a million. That's why not only astroparticle physicist but also geologists as well as biologists are capitalizing on the unique characteristics of the Laboratories in order to conduct cutting-edge experiments.



LNGS are open to public visits since many years. Actually about 17,000 people visit the labs every year. Many educational activities are carried on with and for students and teachers.