

FROM PARTICLES TO THE STARS: HIGH SCHOOL STUDENTS AT THE MODERN PHYSICS SCHOOL



From particle physics to the Universe, from the infinitely small to the infinitely large: almost 200 senior high school students from Italy and other countries in the world participated to INSPYRE (https://collisioni.infn.it/attivita_educative/inspyre/) (International School on modern PhYsics and REsearch), the international school organised by the INFN Frascati National Laboratories, from 4 to 8 April. The international INSPYRE school ended on Friday 8 April with the participation of students

from more than 100 school institutes, 79 Italian ones and 22 from different countries in the world: France, Germany, India, Indonesia, Ireland, Lithuania, Luxembourg, Portugal, Czech Republic, Romania, Sweden, and Turkey. Thanks to this experience, the students approached the world of particle physics research, and the discovery of the mysteries of the universe, following a cycle of online lessons, that, as of Monday 11 April have been available on the public channel YouTube of the INFN National Laboratories of Frascati (<https://www.youtube.com/user/INFNLNF>). Having started in 2011 with 20 students who were mainly Italian, INSPYRE, which is now in its XII edition, is a chance for exchange among students and for discovering the world of scientific research.