PUBLIC ENGAGEMENT
SCHOOLS: INSPYRE 2020 STARTS

Organized by the INFN Frascati National Laboratories (LNF), the International School on Modern Physics and Research, INSPYRE, is addressed to High School students, attending the final two years and coming from all over the world. The School explores the most relevant issues of Modern Physics. Since its first edition in 2011, the School program has been organized in 5 days at LNF, featuring frontal lectures and experimental sessions performed in team with INFN researchers. Due to the current emergency situation, LNF has rescheduled the 2020 edition of INSPYRE - “The Hitchhikers Guide to the Universe”- live-streaming the School lessons directly on the INFN-LNF YouTube channel, in order to reach all the students who are passionate about science and technology at home. The YouTube lives will be held every day from March 30th to April 3rd, from 10:30 a.m. to 1:30 p.m.

In the special program of this edition researchers will talk about the search for life in the Universe, Quantum Mechanics and technologies, time in Modern Physics, bio-nanotechnologies and their applications, gravitational waves, the “strangeness” of the stars, particle physics and the research conducted at the LHC collider at CERN and, finally, the debunking of fake news using a scientific approach.

The aim of the School is to transfer knowledge in the context of frontier research, cutting-edge technologies and present the connection between science and society. The School will be held in English and students will have the chance to directly interact with the speakers by sending their questions live during the lessons. The 2020 INSPYRE edition will be an exceptional opportunity for students to join an International School. Students and teachers are invited to join the lectures.

Programme