

Undergraduate Summer School in Particle and Astroparticle Physics of Annecy-le-Vieux, July 16-22 2015

The school



aims at introducing Particle Physics and Astroparticle physics to 4th and advanced 3rd year physics students from anywhere in the world. The most recent research topics and results in these fields will be presented. The school consists of 4 days of lectures on LHC Physics, Neutrinos, Heavy Flavours, Astroparticle Physics and Gravitational Waves. Computational tools for these fields will also be introduced during a hands-on session. The students will be immersed in an international research atmosphere. They will be able to spend time and discuss at length with scientists working in the field.

Courses will be in English. No background knowledge on the topics covered beyond a popular science level is assumed. A strong background in Quantum Mechanics is expected, however.

A maximum of 30 students will be admitted.