

A Beamline For Schools



BEAMLINE FOR SCHOOLS (BL4S)

International physics competition for high school students from all around the world organised by CERN, the European Organization for Nuclear Research, in Geneva, Switzerland

Beamline for Schools invites teams of high-school students to propose a scientific experiment that they want to perform at a particle accelerator. The two teams that prepare the best proposals will win a trip to a particle accelerator facility to perform their experiments at a fully-equipped beamline. In 2022 the experiments will be performed at one of the beamlines of the CERN [Proton Synchrotron accelerator](#). There are [additional prizes](#) for a shortlist of teams and certificates for all participants. Learn more [about BL4S](#) and [how to apply](#) and get inspired by our promotional video:



Through BL4S, CERN offers a great opportunity for students to learn, make new discoveries and apply their knowledge into new settings. Get inspired by our [videos](#) and [previous winners](#), join our BL4S Facebook group and stay tuned for news!



BL4S 2022 shortlist

This year 25 teams have been selected to be part of the shortlist. Out of them, two teams will be invited to CERN and one to DESY in September to perform their experiments. All the others will receive special prizes including a kit to build a do-it-yourself particle detector.



Team Name	Countries
Ailurophilics	Mexico
Atomic Friends	Romania
Beamline Bandits	India
Black-Pink Crystals	Congo – Kinshasa, South – Africa & Zimbabwe
CHEREN5	Japan
Chronos	United States
CIONS OF ATATÜRK	Turkey
Coherent Peers	India
Cougar Colliders	Canada
Dawson Technicolor	Canada
EM/H Kiwi	New Zealand
IEL Physics	Turkey
InTheory	Italy
NAIA Na Lang 2.0	Philippines
Scintillator Afterglow Effect due to Nuclear Transmutation (SAENTs)	India & United States
TCO-ASA-22	Italy
Team Cappadocia	Turkey
Team Neinstein (9)	Romania
Team Offline	Thailand
Team OPTOCRASM	United States
Volcanoes	Japan

Winners – Team name	Countries
Club de Física Enrico Fermi	Spain
Egyptian STA students	Egypt
Supercooling-Team	France