

Apply for CERN's 2018 Beamline for Schools competition

Spread the word: CERN is offering high-school students from around the world the chance to create and perform a scientific experiment on a CERN accelerator beamline. What better way to learn about physics? Now in its fifth year, the Beamline for Schools competition is open to teams of at least 5 students aged 16 and up with at least one adult supervisor, or “coach”. Find out about the beamline and facilities via <http://cern.ch/bl4s>, then think of a simple, creative experiment. Submit your written proposal and short video by 31 March 2018. Previous winners have tested webcams and classroom-grown crystals in the beamline, others have studied how particles decay and investigated high-energy gamma rays. What would you do?

- **July 2017 – Registration opens**
Register your team name and your coach's contact details now to start receiving email updates.
- **31 Mar 2018 – Submission deadline**
Submit your 1000-word proposal and 1-minute video (both in English only) by midnight CET.
- **Jun 2018 – Winners announced**
CERN announces between 10 and 20 shortlisted teams, two of these teams will come to CERN.
- **Preferably Sep 2018 – Winners conduct their experiment at CERN**
Exact dates will be agreed between CERN and the winning teams.

Prizes: All participants will receive a certificate. Shortlisted teams will win a BL4S t-shirt for each team member, a cosmic-ray detector (CosmicPi) for the school and, for some, the chance to visit a nearby physics laboratory. For the winning teams, nine members and up to two adult coaches per team will be invited, all expenses paid, to CERN for 10 days to carry out the experiments on the beamline.

Register now: <http://cern.ch/bl4s>

Want to know more? Watch this [video](#), visit our [FAQ](#) page or contact beam-line-4-schools@cern.ch
For questions in English please contact:

United States: Ken Cecire (kcecire@nd.edu)

United Kingdom: Pete Watkins (pmw@hep.ph.bham.ac.uk) or Elizabeth Cunningham (elizabeth.cunningham@stfc.ac.uk)

Other countries: BL4S organizers (beam-line-4-schools@cern.ch)

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