

# 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 20 and 30 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 10-12 days to carry out the experiments on the beamline.

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

## Want to know more?

For questions in English please contact:

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