# Accelerators for society
## Challenge-based innovation

## A multidisciplinary student programme centred around accelerator applications

### How can particle accelerators help society?

Each year since 2022, the I.FAST Challenge-Based Innovation (CBI) programme invites, in the Geneva area, over 20 students from different academic fields and universities all around Europe to think about this question.

In 2024, the topic will be Accelerator for health.

Divided in four teams, the students have 10 days to propose a solution using particle accelerators, all while attending high-level seminars and visiting CERN!

### What is I.FAST?

I.FAST aims to enable Europe to develop and enhance leadership in particle accelerators technologies for science and society.

Coordinated by CERN, this European-funded project involves 48 partners, including 16 industrial companies as co-innovation partners, to explore new alternative accelerator concepts.

### Challenge-Based Innovation 2023
Accelerators for the environment

**Textile fibre sorting to help recycling**

Pollen sterilisation to fight invasive plants

### Challenge-Based Innovation 2022
Accelerators for the environment

**Vessel-mounted accelerator to fight algal bloom**

Truck-mounted accelerator to clean polluted soils

## Become a sponsor now

The I.FAST project has received a grant from the European Commission to finance the CBI, part of which was used to support its first two editions. However, the remaining fraction of this grant is not adequate to fully finance the 2024 edition.

### I.FAST is seeking contributions from scientific institutions, companies and donors.

**Option 1**
Direct contribution to the programme
5,000 - 10,000 EUR

**Option 2**
Direct sponsorship of one or more students
2,500 EUR / student

Sponsors with a direct contribution will have their logo shown on the material and will be able to provide comments and advice on the programme. Sponsors supporting students may direct their contribution to students from a specific region or country, within limits defined by the programme committee.

Click here for more information

# Some moments
## from the previous editions