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Massive Open Online Course <u>https://bit.ly/AT_MOOC23</u>







Aims of the project

Communicate the science behind particle acceleratordriven science

Construct an online professional development course (MOOC) for science teachers Evaluate teachers' use of the MOOC







Main aim:

Inspire teachers to use the **stories** from large facilities across Europe to teach the topics they all teach:

- Forces
- Magnetism
- Structure of an atom
- Light
- Electromagnetism...





eaching Pedagogical tools





Race to	o Space
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Lesson 1 Lesson 2 Lesson 3 Lesson 4 Lesson 5 Lesson 6 Lesson 7 Lesson 8 Instrument













First 4 weeks

2211 people registered75 countries

1293 participated

314 completed the MOOC

58% engagement rate

24% completion rate



Massive Open Online Course (MOOC) Accelerate Your Teaching MOOC

Inspiration to relate the topic of particle accelerators to young students before high school, see the examples of learning scenarios and all the links to additional resources that I think will be very useful

At first I was afraid of not being able to complete the course because it was related to Physics. But every module I enjoyed much more!

I'm a Biology teacher. I will use particle accelerators at my lessons, imaging devices, enzyme crystallography, renewable energy and many more topic are related with my lessons.

Thank you!

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