

EL CERN Y LOS PROFESORES

¿Por qué
y los profesores
en lugar de
y la educación?

My trip to CERN



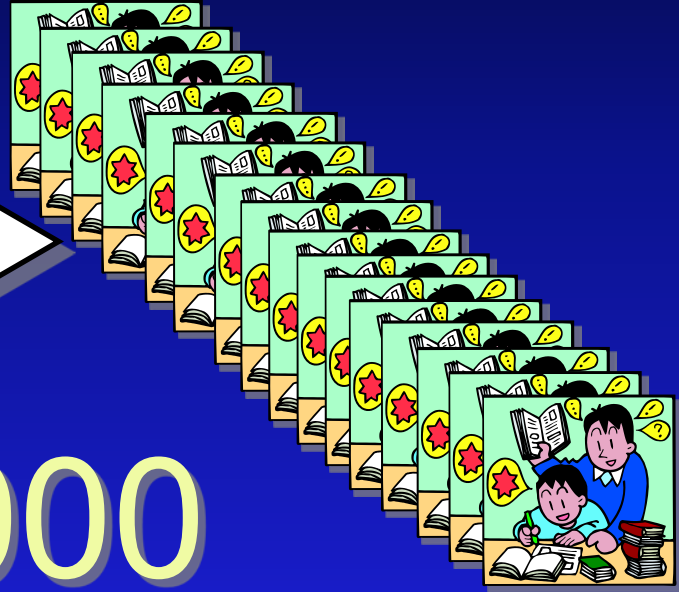
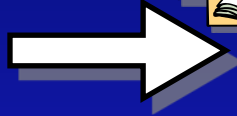
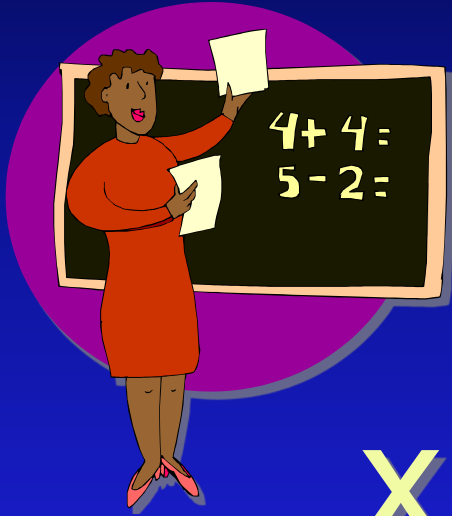
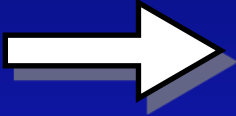
DESPUÉS DEL CERN

[Acceder](#)

Experiencias de los participantes en los programas de formación para profesores de la Comunidad de Madrid

En palabras de
Mick Storr:

Looking for multiplicative factors



x 1000

School Teacher

School Students



Objectives of CERN Teacher Programmes

- Pass the message
 - Teachers are our partners and colleagues
- Recognise
 - Teachers hold the future in their hands
- Empower teachers
 - To update, expand and pass on their knowledge
- Facilitate
 - Learning
 - Networking
- Inspire and encourage
- Open and honest
- NOT TO tell teachers how to teach
- Learn from teachers

THANK



What are we trying to achieve with the help of physics teachers ?

1: RAISE AND MAINTAIN THE INTEREST OF STUDENTS IN MODERN SCIENCE

Motivate them to continue scientific education at school
Help them to better understand the physical world

Improve scientific literacy

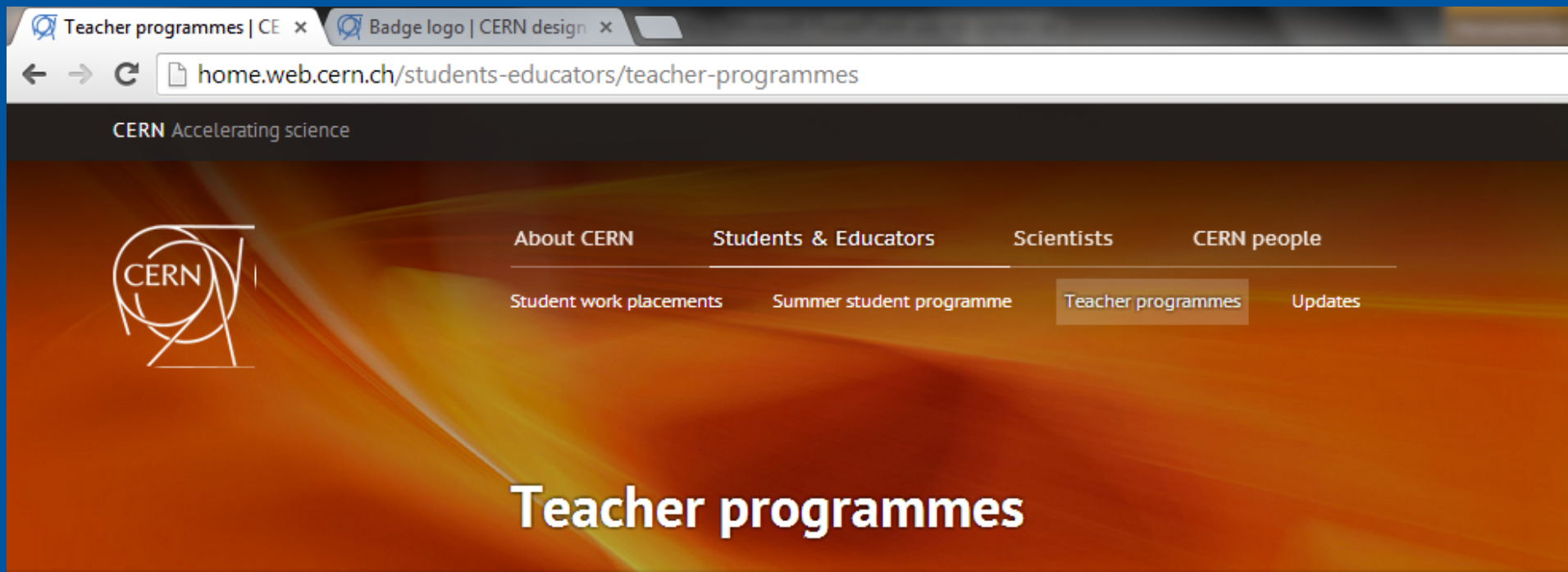
2: INSTIL A FEELING OF MYSTERY AND DISCOVERY POTENTIAL

Motivate students to study science/engineering at universities

Prepare the future generation of scientists/engineers

SCIENCE IS ALIVE !

Programas para profesores



Teacher programmes | CE x Badge logo | CERN design x

home.web.cern.ch/students-educators/teacher-programmes

CERN Accelerating science

CERN

About CERN Students & Educators Scientists CERN people

Student work placements Summer student programme **Teacher programmes** Updates

Teacher programmes

¡Son
gratuitos!
(los cursos en sí)

CERN offers you the possibility to participate in special programmes for teachers and meet with teaching colleagues from your country or from all over Europe.

The three-day [Physics Teachers' Programme](#) is an international weekend course, in English, for teachers from all over Europe. It includes seminars, visits and educational activities.

The [High School Physics Teacher Programme](#) is a comprehensive international course held in English, aimed at teachers who would like to spend the first three weeks of July at CERN.

The National Teacher Programmes are held in the mother-tongue language of the participants from CERN member states. Click [here](#) to find out more about their content, when the next session is planned for your country, to access the agenda, to find archived material of previous sessions and contact information.

HST

Tres semanas de julio

¡Gastos pagados!

Profesores de todo el mundo (no sólo de física)

PHYSICS TEACHERS PROGRAMME

Un fin de semana

El CERN paga el alojamiento (sólo el alojamiento...)

PROGRAMAS NACIONALES

Por ejemplo en español

Una semana (domingo a viernes)

Dos vías de acceso

Los programas son similares:

- Conferencias
- Visitas
- Talleres y grupos de trabajo

Más detalles en:

<http://education.web.cern.ch/education/Chapter1/Intro.html>

<http://fbarradass.wordpress.com/2013/09/17/formacin-en-el-cern-2013/>

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En Twitter [@fbarradass](https://twitter.com/fbarradass)

**Ah, ¡y también se puede visitar el CERN
con alumnos!**

CAR PARKING AT LUTON: £43
CHEAP FLIGHT FROM ENGLAND TO GENEVA: £93
PARTICLE PHYSICIST'S FACE WHEN HE FIRST SEES THE LHC:
PRICELESS



VIDEO at youtube.com/sixtysymbols