Programme Objectives

International High School Teacher Programme 2016
Why do we do all this?
To bring modern science into the classroom!
To bring modern science into the classroom!

sci**entific awareness**
Classical approach
CERN’s approach
CERN’s approach
CERN’s approach
CERN’s approach
We need you!
PK
Pedagogical Knowledge
PK
Pedagogical Knowledge

"I teach students"
"I teach students"
"I teach students"  "I teach physics"
"I teach students"  "I teach physics"

"I teach physics to students"
Pedagogical Knowledge (PK) and Content Knowledge (CK) overlap to form Pedagogical Content Knowledge (PCK).

- "I teach students"
- "I teach physics"

"I teach physics to students"
CERN’s Teacher Programmes

Lectures

Discussions

Working groups

Visits

Hands-on workshops
CERN’s Teacher Programmes
CERN’s Teacher Programmes

National Teacher Programmes in native language | 4-6 days
CERN’s Teacher Programmes

National Teacher Programmes in native language | 4-6 days

International Teacher Programmes in English | 2-3 weeks
CERN’s Teacher Programmes

National Teacher Programmes in native language | 4-6 days

International Teacher Programmes in English | 2-3 weeks

Inspiring science education in the Middle East | CERN
CERN welcomed 54 science teachers from 36 countries for the High School Teachers Training Programme 2014. The teachers come from all over the world but the largest constituent this year is the Middle East with eight teachers from...
CERN’s Teacher Programmes
CERN’s Teacher Programmes
Outcome and To-Do-List
Outcome and To-Do-List
Outcome and To-Do-List

• Share your experience with your students, your colleagues, and the general public.
Outcome and To-Do-List

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• Act as ambassador for science/engineering and in particular for particle physics.
Outcome and To-Do-List

• Share your experience with your students, your colleagues, and the general public.

• Act as ambassador for science/engineering and in particular for particle physics.

• Organise follow-up activities.
Merci bien!

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Merci bien!

Questions?

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