



Teacher Programmes at CERN

Konrad Jende, Danish Teacher Programme 2014

LHC 27 km

SPS 7 km

RHIC 6.28 km

SUISSE
FRANCE

LHCb

ATLAS

CERN Meyrin

CERN Prévessin

ALICE

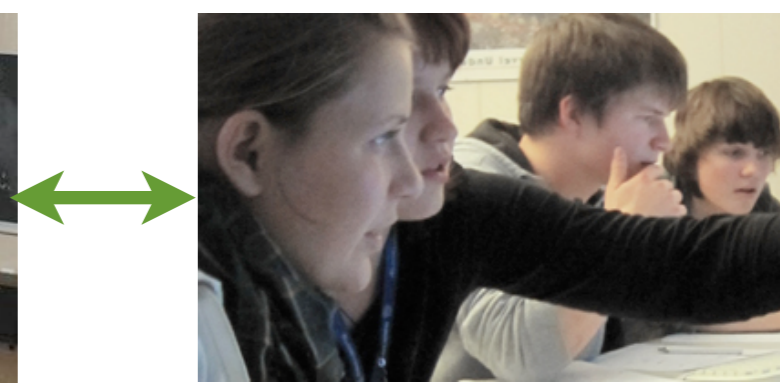
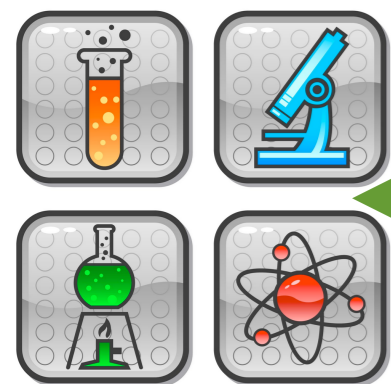
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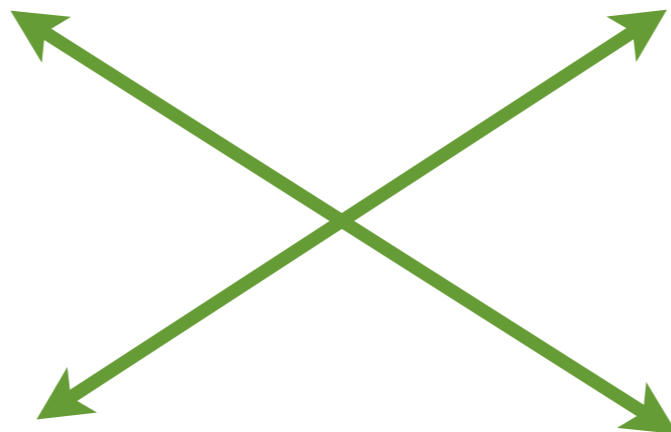
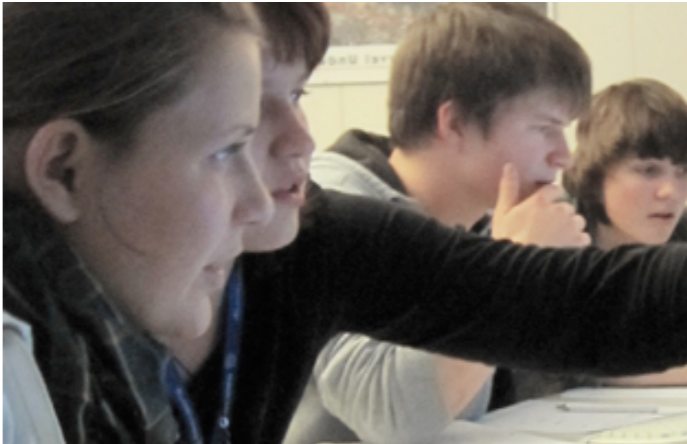
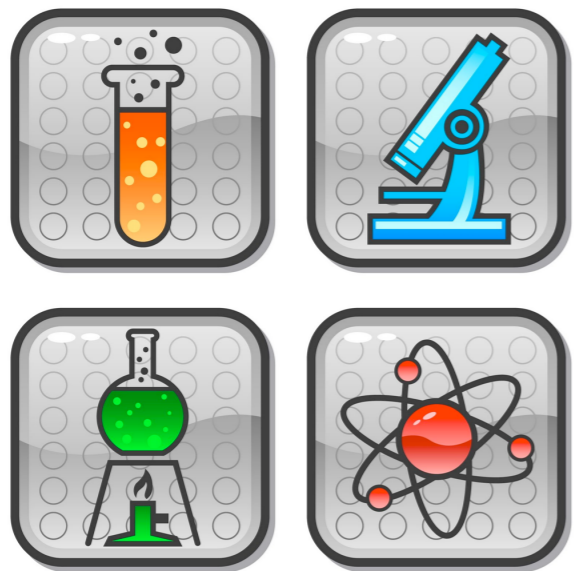
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How to bring modern science into classroom?



How to bring modern science into classroom?



We need you!



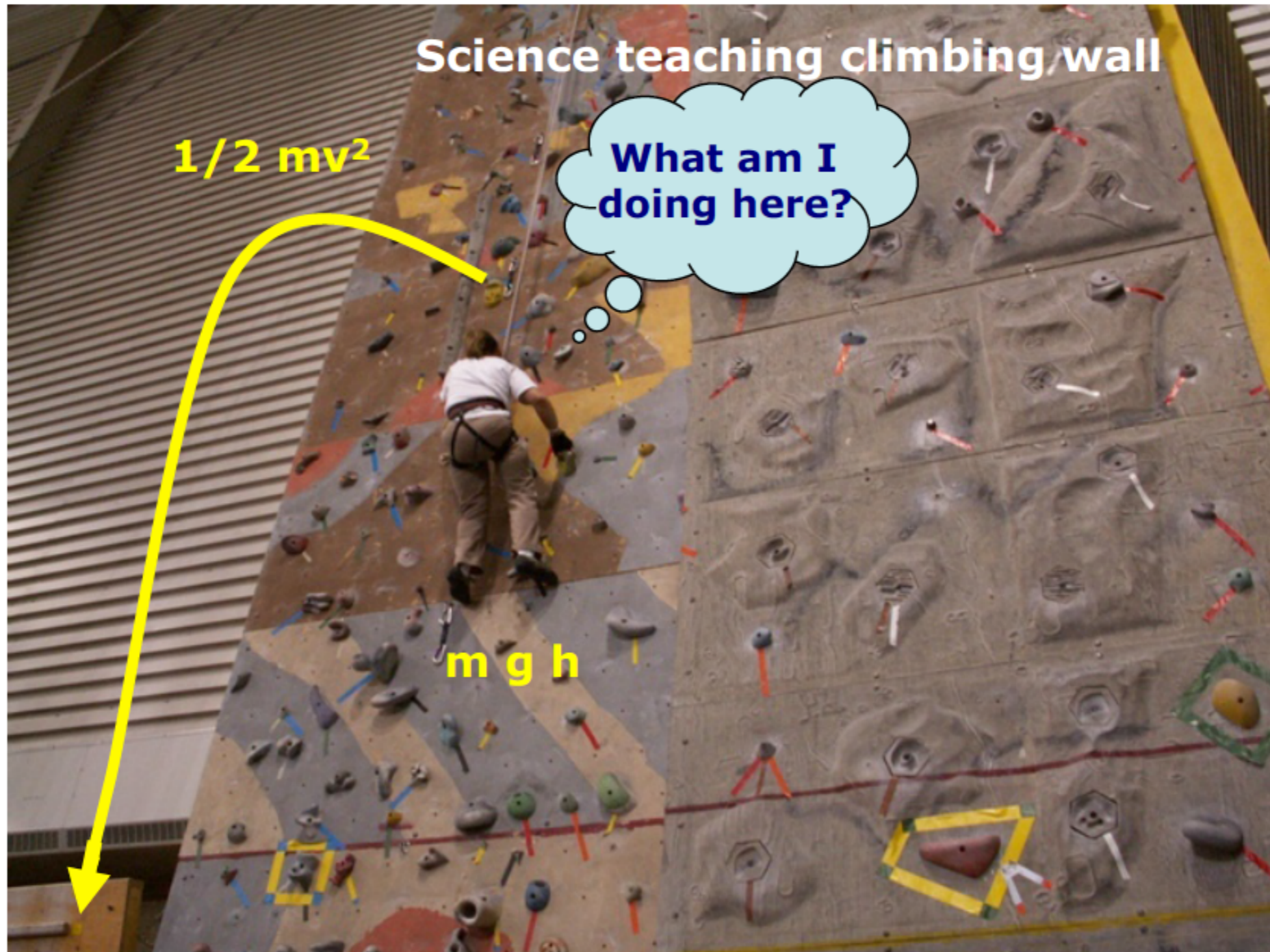
Our objectives

- Raise and Maintain the interest of students in moderns science
 - Motivate them to continue scientific education at school
 - help them to better understand the physical world
- Instill a feeling of mystery and discovery potential
 - Motivate students to study science/engineering at universities
- Improve scientific literacy
 - Prepare the future generation of scientists/engineers

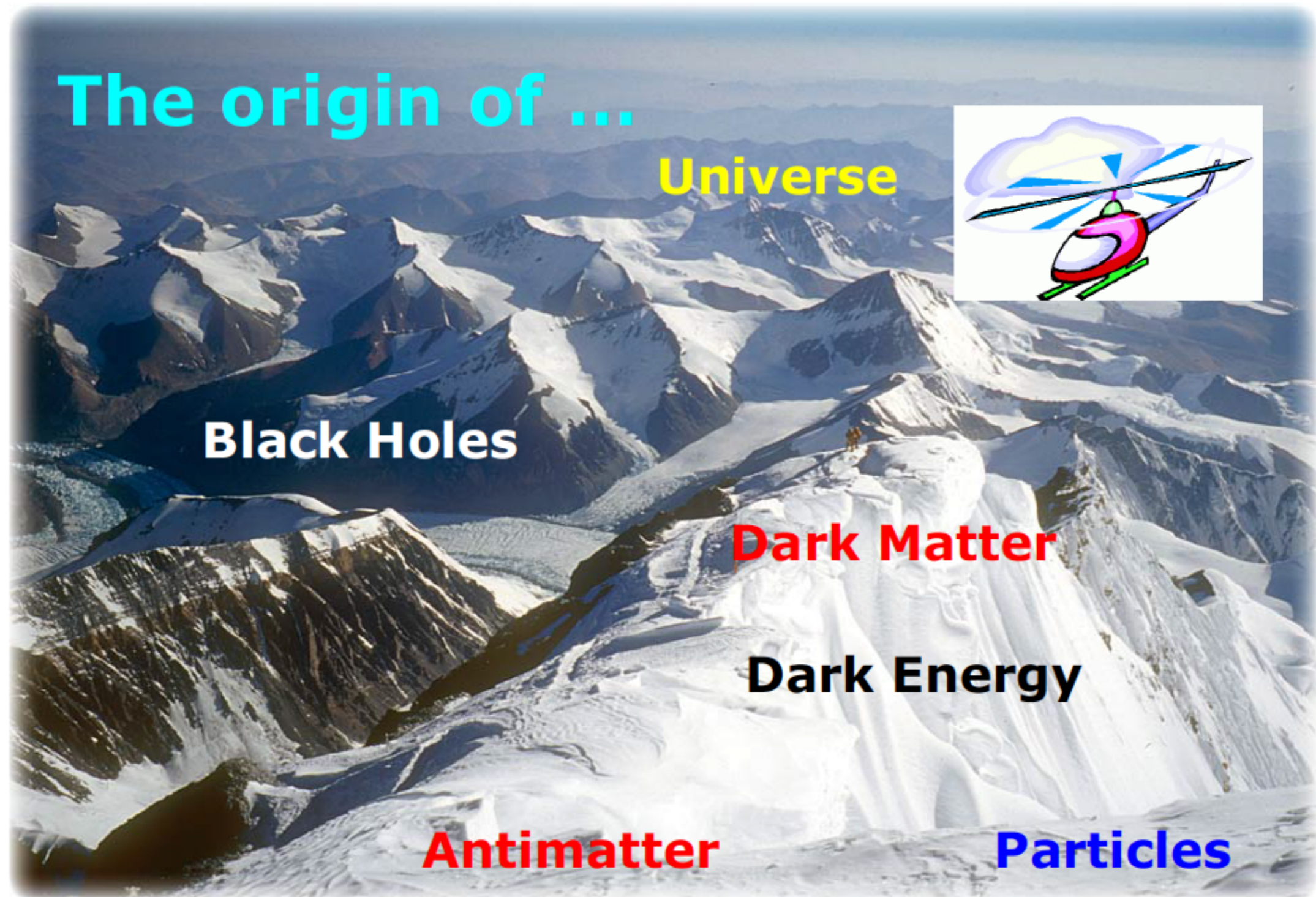
How researchers view science



How students view science



Take students on a sight-seeing tour



Link modern physics to school curriculum

CERN's Teacher Programmes

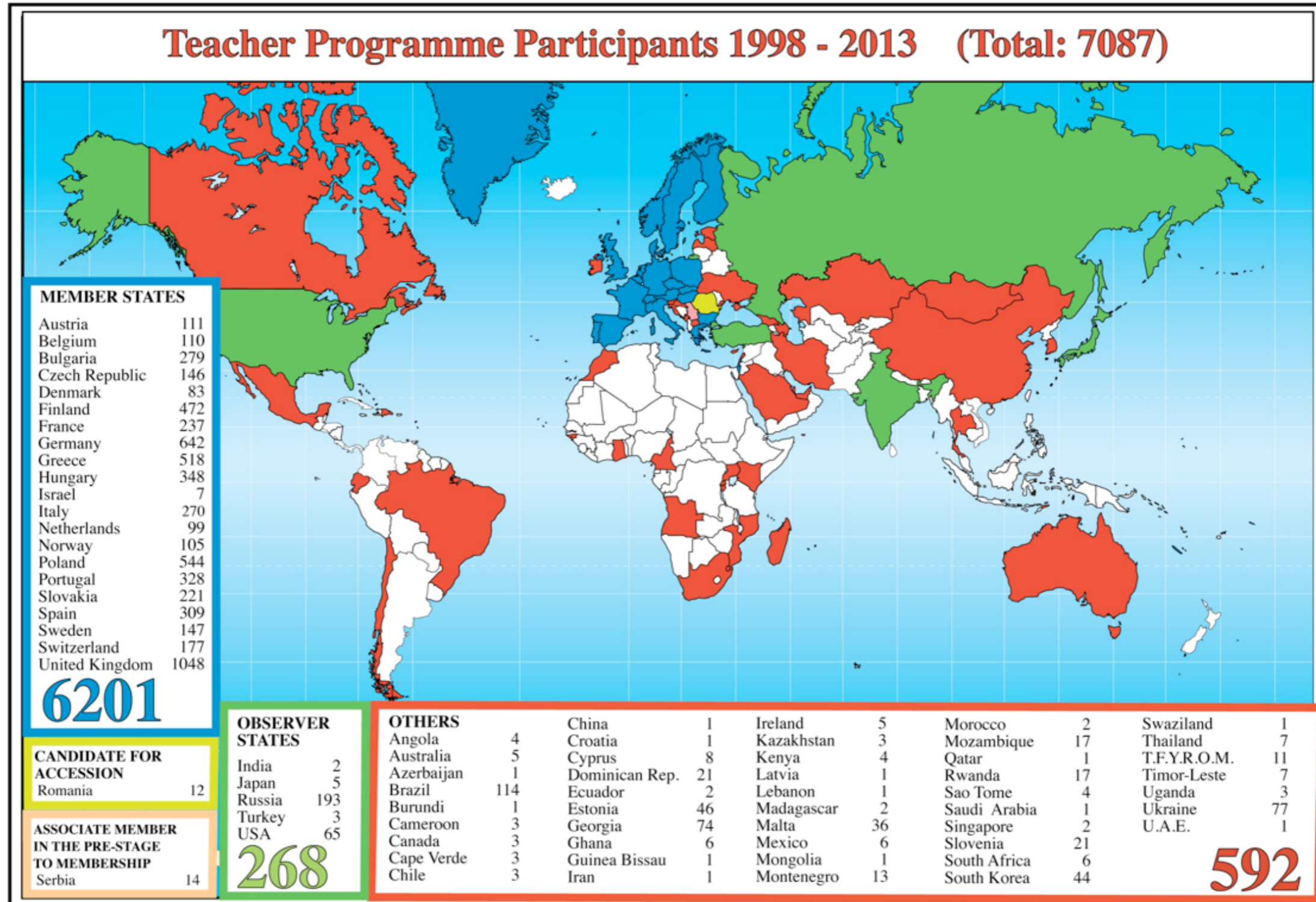


CERN's Teachers' Programmes

- (1) 2 days to one week long national teachers' programmes (NTP) in native language
- (2) three week long High School Teachers Programme (HST) in English

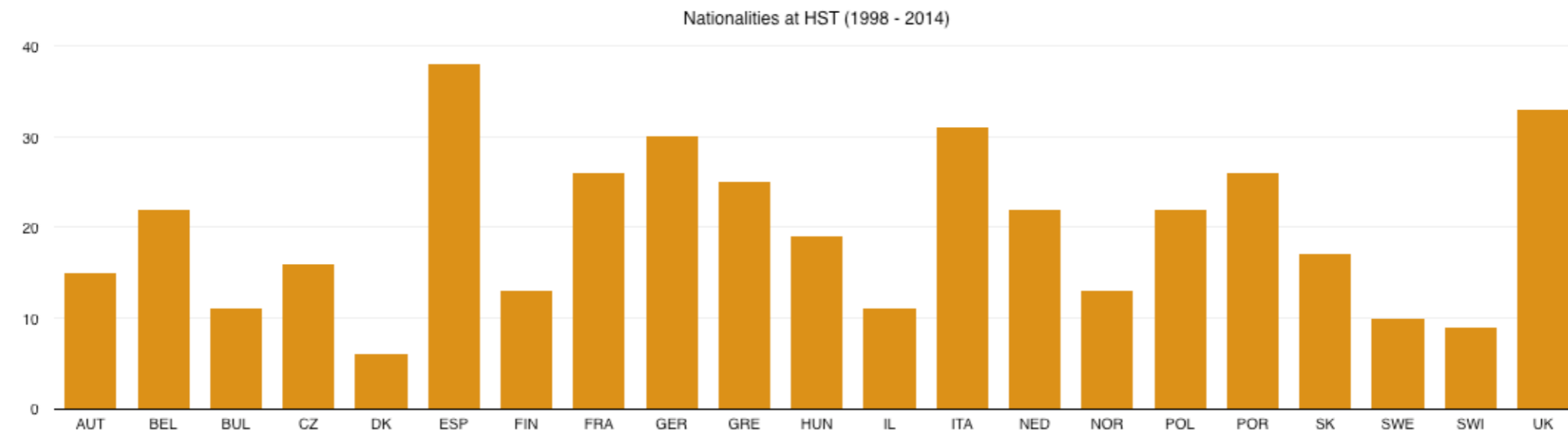
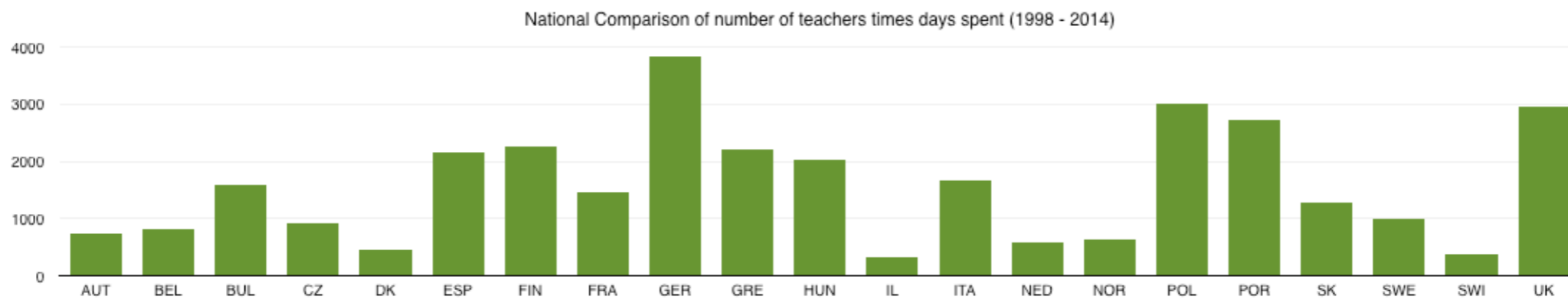
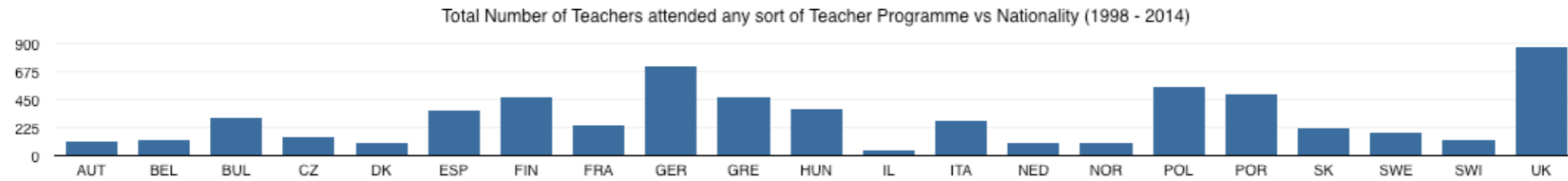
CERN's Teachers' Programmes

Stats 1



CERN's Teachers' Programmes

Stats 2



Outcome and To-Do-List

- newly inspired, motivated and confident teachers
- inspiring and motivating teachers

- Share your experience with your students!
- Share your experience with colleagues!
- Share your experience with the general public!

- Act as ambassador for science/engineering in general and particle physics in particular
- Organize follow-up activities
- Promote our programmes

Any questions?



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