



S'Cool LAB Update


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International Relations
Relations internationales



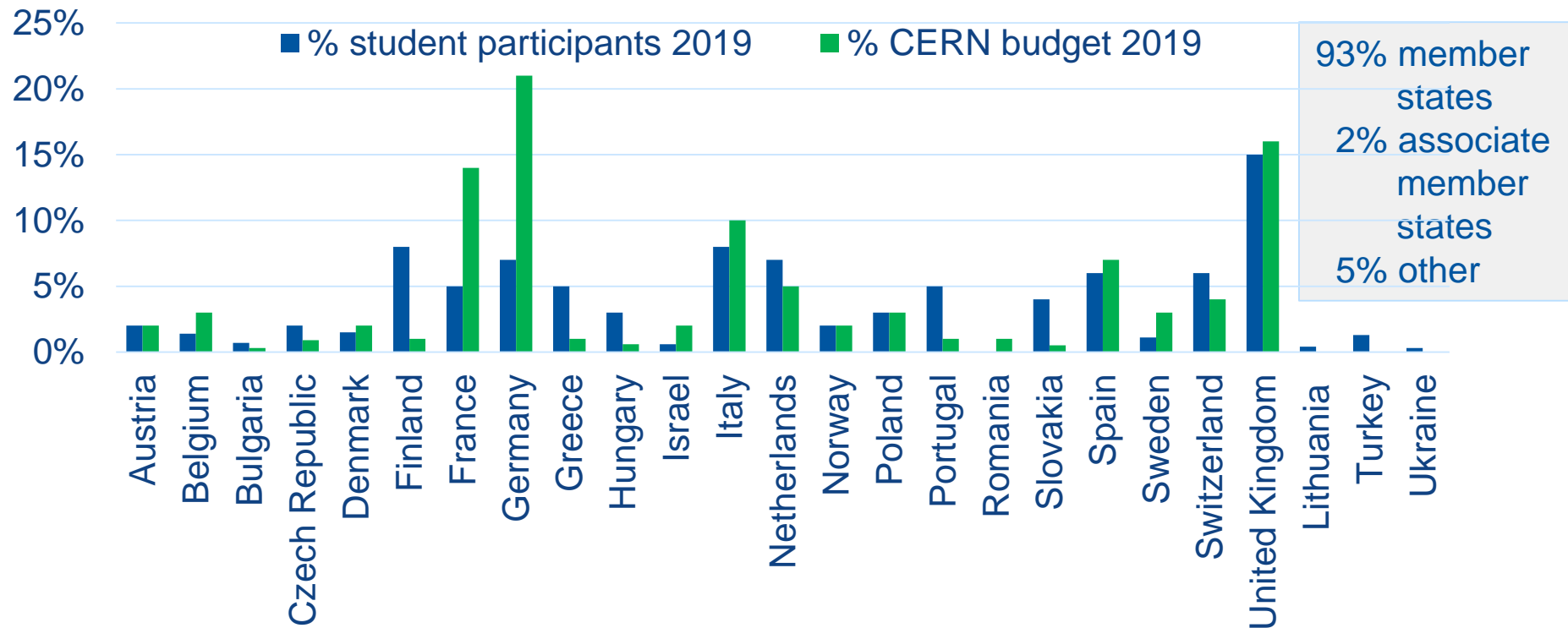
S'Cool LAB participants per year

Educational offer	2014	2015	2016	2017	2018	2019 	Total
S'Cool LAB Days / PLUS+ programme	0	430	1030	1030	640	660	3790
Cloud Chamber WSs (students)	720	2420	3370	4800	5420	5820	22550
Other (teachers, VIPs, IMC, ...)	1100	1020	1430	1430	1450	1380	7810
Total	1810	3870	5830	7260	7510	7860	34140

 + approx. 1000 @ Open Days



S'Cool LAB student participants 2019

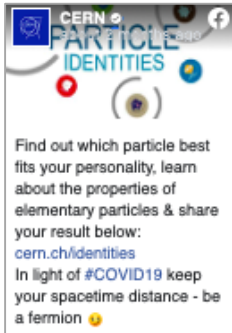


Outlook 2020

- No groups between 7 March and 30 September (tbc) in line with the provisions of CERN's visits service
- Only few booking requests for Oct to Dec
- Currently registered: 2000 participants in total (excl. upcoming teacher programmes)
- Alternative activities and ideas
 - Focus on “classroom activities” and publications
 - MOOC and interactive screen experiments (mix of simulation & realistic images/video clips)
 - Content development for CERN Science Gateway
 - New contamination escape game (fluorescence, scintillation, ...)

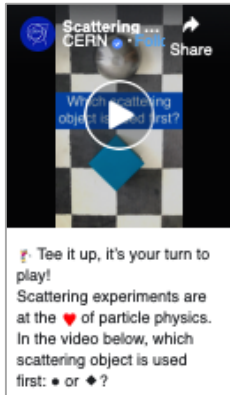


S'Cool LAB classroom activities @ social media



CERN @CERN
PARTICLE IDENTITIES

Find out which particle best fits your personality, learn about the properties of elementary particles & share your result below:
cern.ch/identities
In light of #COVID19 keep your spacetime distance - be a fermion 🍌



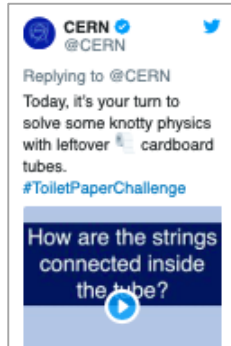
CERN @CERN

Replying to @CERN

Today, it's your turn to solve some knotty physics with leftover cardboard tubes.
#ToiletPaperChallenge

How are the strings connected inside the tube?

🎥 Tee it up, it's your turn to play! Scattering experiments are at the heart of particle physics. In the video below, which scattering object is used first: ● or ◆?



CERN @CERN

Replying to @CERN

Today, we are raising a raisin question. 🍇 + 🍷 = ?

Do you think that raisins behave differently in sparkling water compared to still water?

301 1:50 PM - May 27, 2020



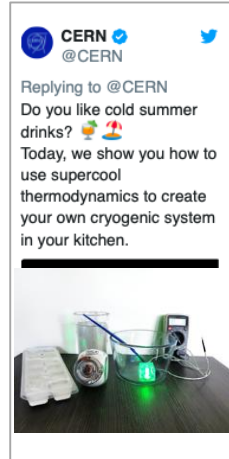
CERN @CERN

Replying to @CERN

Do you like cold summer drinks? 🍹 🌞

Today, we show you how to use supercool thermodynamics to create your own cryogenic system in your kitchen.

240 11:11 AM - Jun 3, 2020

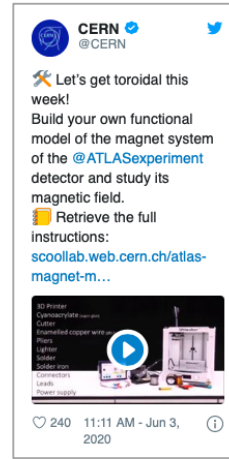


CERN @CERN

Let's get toroidal this week! Build your own functional model of the magnet system of the @ATLASexperiment detector and study its magnetic field. 🧲

Retrieve the full instructions:
scoollab.web.cern.ch/atlas-magnet-m...

240 11:11 AM - Jun 3, 2020



CERN @CERN

Did you ever want to make your own particle detector? Here is your chance! Build this low-cost open hardware project, investigate natural radioactivity around you and become a true citizen scientist:
scoollab.web.cern.ch/diy-particle-d...



CERN @CERN
about 2 months ago

Bubble chambers are able to produce fascinating visualisations of particle tracks, but are no longer used CERN. Therefore, why not get creative & share your homemade bubble chamber!



CERN @CERN

Replying to @CERN

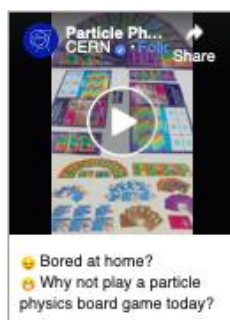
Annoyed by the 🏠 while you are stuck inside? Today, it's your turn to make a 🍷 in your kitchen.

Kitchen experiments of the day:
disinfectant spray
duster
PET bottle
→ make slush for sealing



CERN @CERN
Folk

Did you know that quarks love confinement? Out of proton collisions in the LHC, showers of new quark particle systems (jets) are



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Folk

Bored at home? 🏠
Why not play a particle physics board game today?

Wednesdays, 11 weeks
Facebook + Twitter:
10 000 likes, 280 000 views
Top 10 Hacker News



New 3D-printable models

