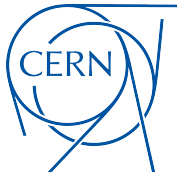


Advances in Lattice Gauge Theory

CERN TH

22.07.-09.08.2019



Thank you all for joining us here in Geneva for this workshop.

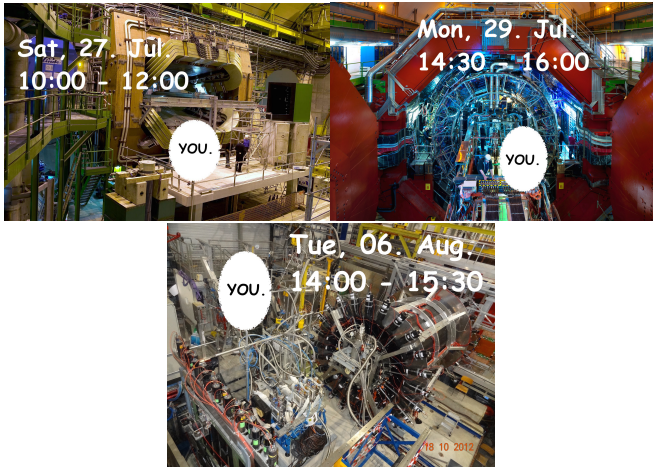
Reviewing the last 15 days of talks we ...

... beat the heat.

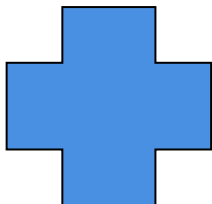
🔥🔥 **MAX. TEMP WAS 38°C!** 🔥🔥



... went hands on at the experiment thanks to our excellent guides.



But mostly through great discussions and talks, we could exchange our thoughts and learn from each other about:



- multi-particle scattering
(Max, Steve, Misha, Derek, Fernando)

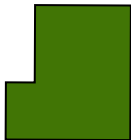


- spectral functions
(John, Antonin, Nazario, Shoji)

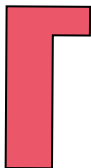


- lattice scattering
(Jo, Christopher, Antoni, David)

But mostly through great discussions and talks, we could exchange our thoughts and learn from each other about:



- baryons and PDFs
(Luigi, Jeremy, Sara, Finn, Constantia, Guido)

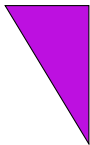


- decays
(Laurence, Bipasha, Elvira)

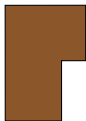


- muon anomalous magnetic moment
(Agostino, Christoph, Aron, Antoine, Mattia)

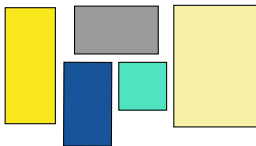
But mostly through great discussions and talks, we could exchange our thoughts and learn from each other about:



- QCD and QED
(Vera, Michele, Nazario)

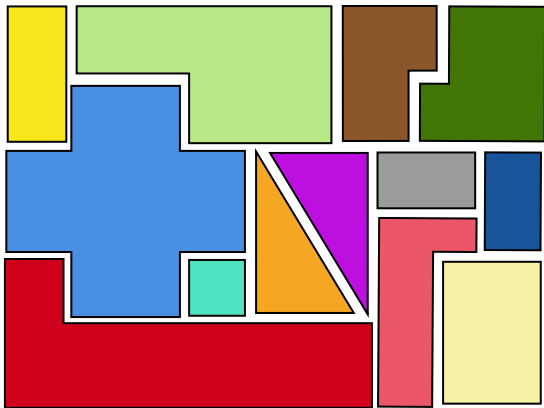


- gradient flow and scales
(Robert, Hiroshi, Alberto)



- multi-nucleons (Zohreh),
hot QCD (Mattia),
algorithms (Antonio),
magnetic QCD (Andrey)

Connecting them together we gained a patchwork covering of lattice QCD




We had a great time!



Have a safe journey home and see you soon!

Come again: CERN visitor program



The screenshot shows the top navigation bar of the CERN Theoretical Physics website. The main header is 'Theoretical Physics' in white text on a black background. Below it is a horizontal menu with buttons for Home, About, People, Events, Visit, Jobs, TH Guide, Computing, and Contact. The 'Visit' button is highlighted. Below the main menu is a secondary navigation bar with links for Visitor info, Visas, Insurance, Getting to CERN, Check-in, CERN Market, Housing, Visitor form, and Students. The 'Visitor info' link is highlighted. The background of the website features a chalkboard with handwritten physics notes such as 'neutrino', 'expansion of the universe', 'condensate', 'discovery of top quark', and 'individual quantum systems'.

Visitor Info

There are several ways of visiting the theory group:

- As a **short-term visitor**, for up to three months. You should note the rules(*) below before [applying](#). TH takes **6-8 weeks** to review applications, so please apply sufficiently in advance of your visit.