



Lund Kommun

Kulturnatten

<https://lund.se/uppleva-och-gora/vad-hander-i-lunds-kommun/kulturnatten>

19 September 2026



Kulturnatten at the Physics Department

Popcorn stand outside L-H-K buildings
Pop-up interactive museum in H Hus
Physics and Laser Show
Popular science lectures and guided tours
Science Slam

For volunteers:

- Joyous and inspiring interactions with public
- Lunch, snacks
- T-shirt



Pop-up interactive museum

Lunch time to ~17:00

Demonstrations hosted by different
divisions

Button maker station for
commemorative physics pins, including
particles





Science Slam

19:00 Science Slam
~5 minute talks

Over 100 people in Rydberg last year

Join at menti.com | use code 7700 5250

Science Slam
2025

Rydbergsalen,
Fysicum
Kulturnatten 2025

Andrea Cicovic
Solid State Physics

Miguel Canhota
Atomic Physics

Julia Valderas Gutiérrez
Solid State Physics

Harald Havir
Solid State Physics

What brings you to the science slam tonight?

slamming popcorn feet miguel fun julia dan harald science curiosity love fights

Join at menti.com | use code 7700 5250

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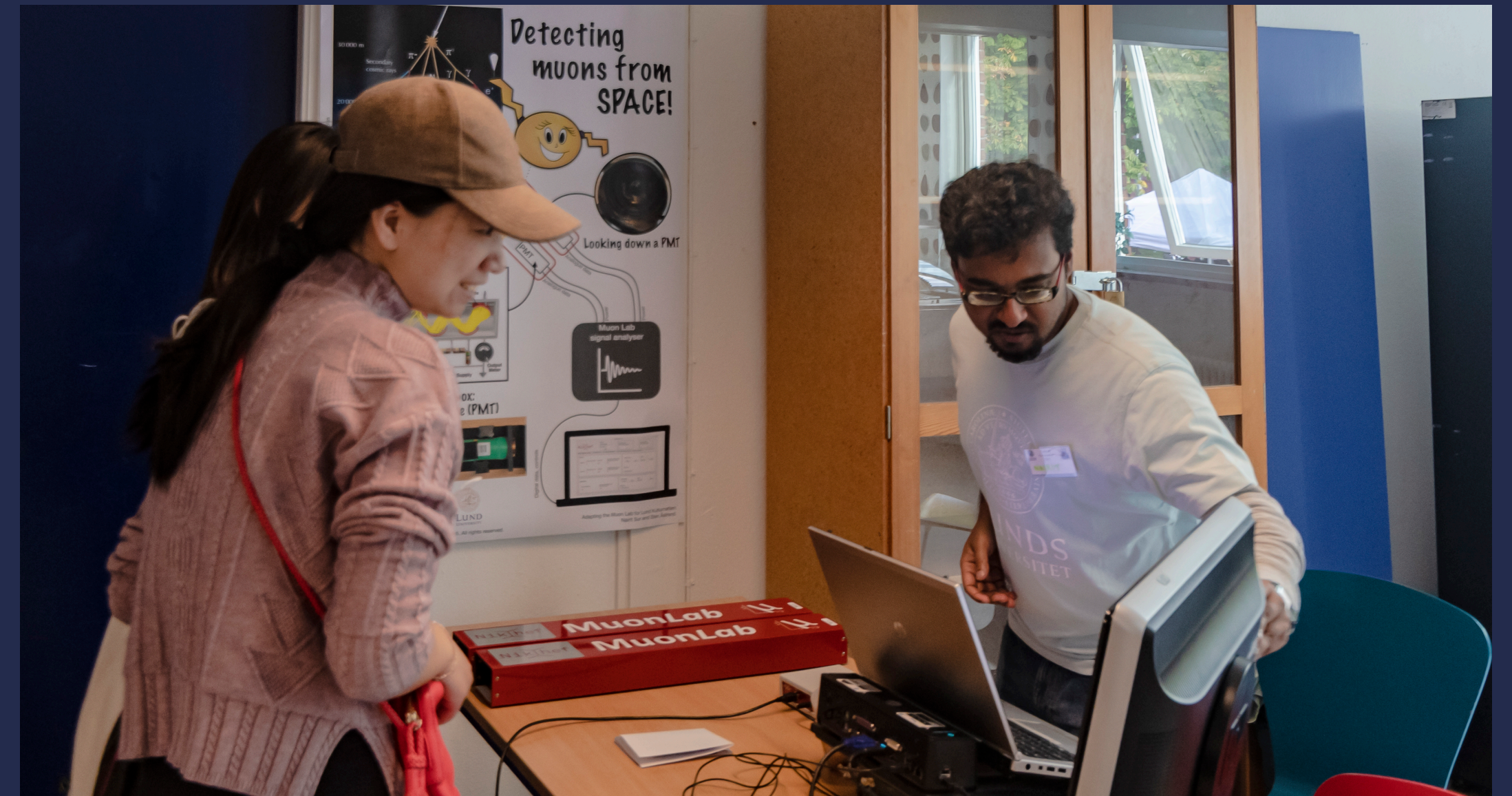
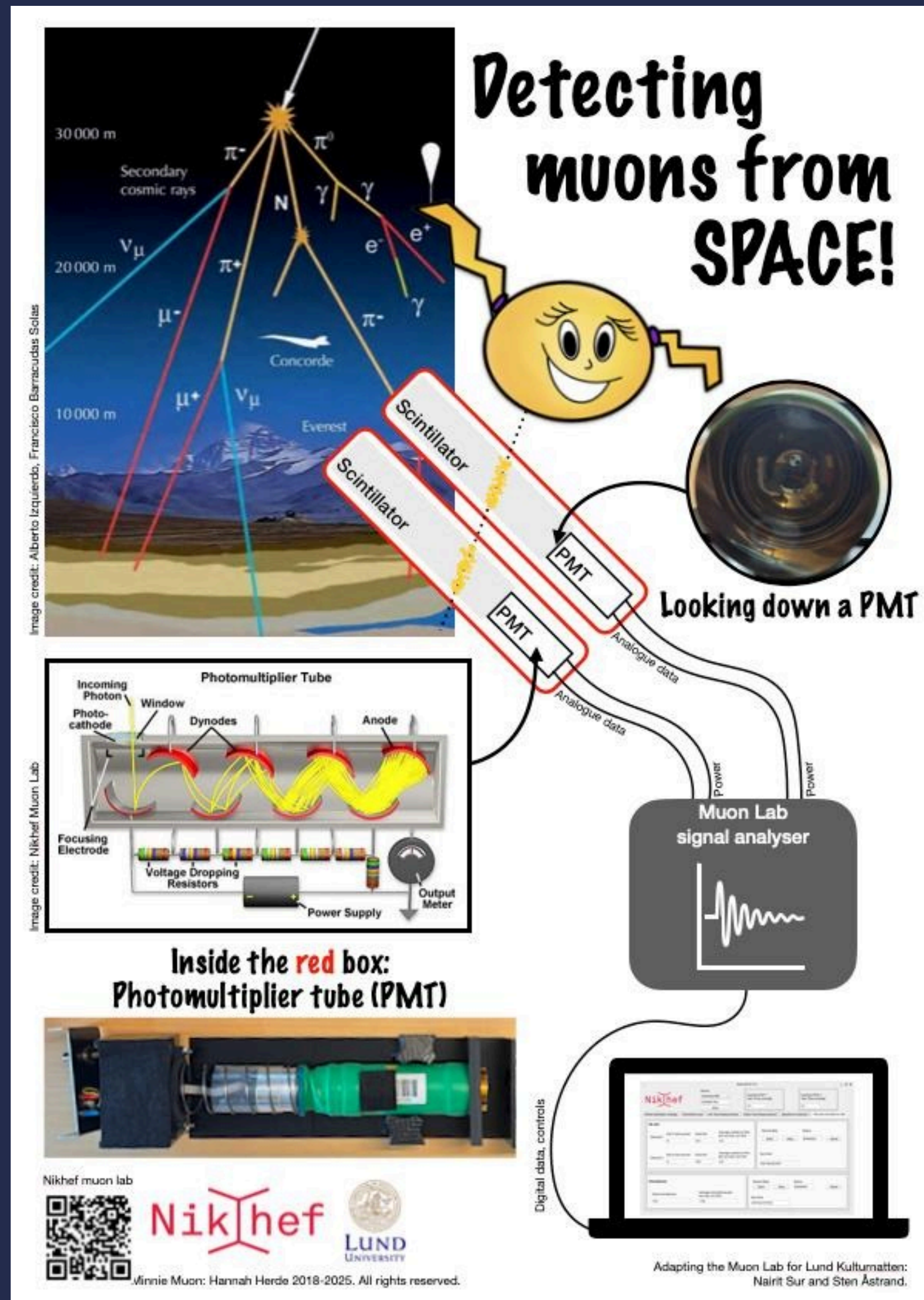
PKF's interactive museum stations

Cosmic muons
Everyday radioactivity
“What particle are you?” Quiz
Måla universum/Colour the universe

Hit us up with your ideas!

“Thai wagon area” in H Hus





Everyday radioactivity



"What particle are you?" quiz

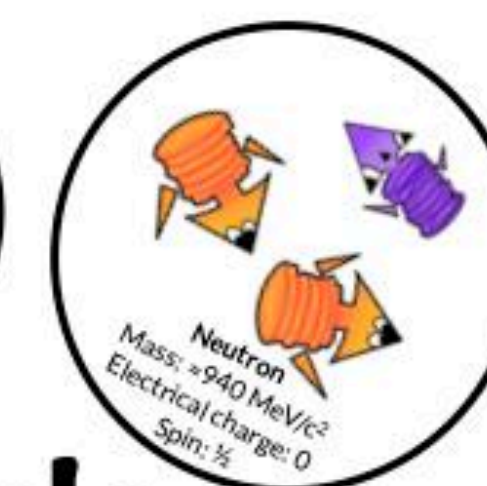
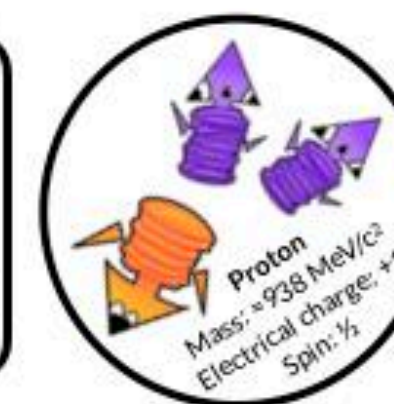
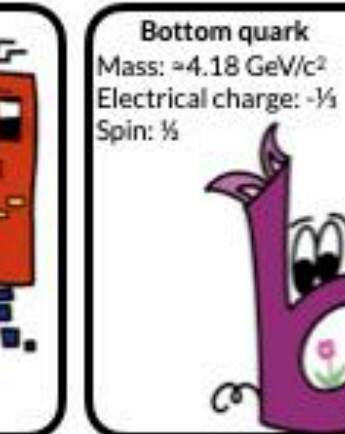
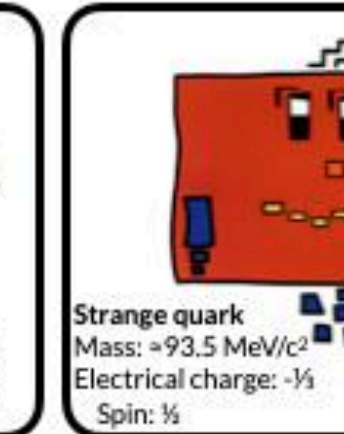
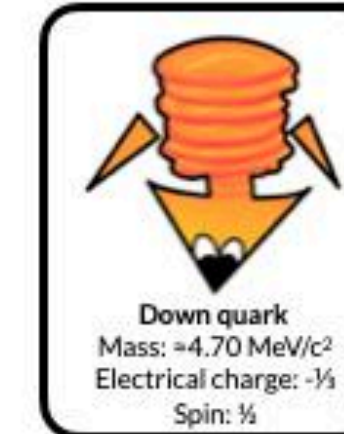
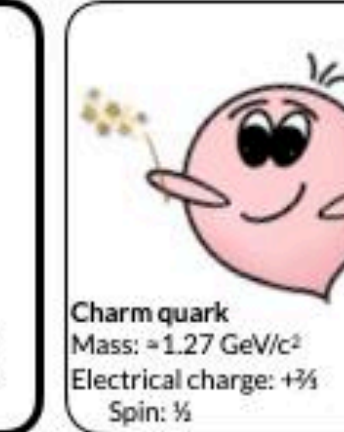
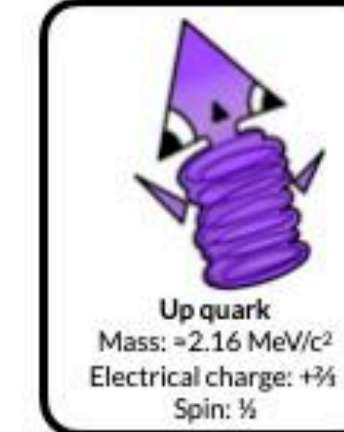
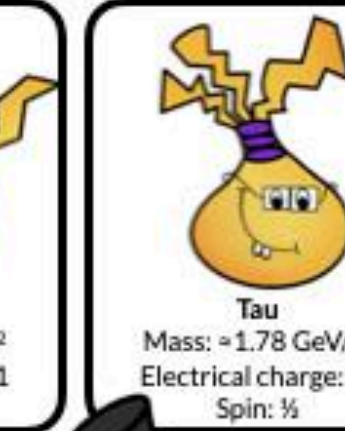
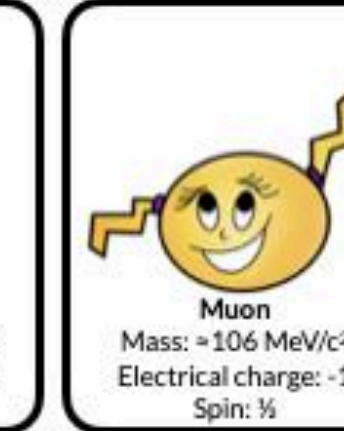
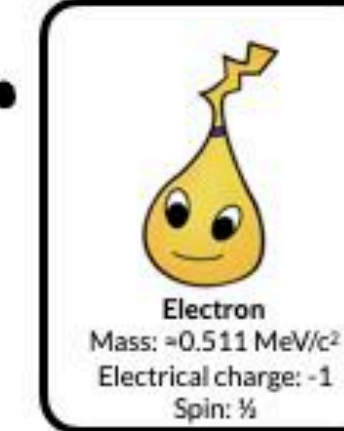
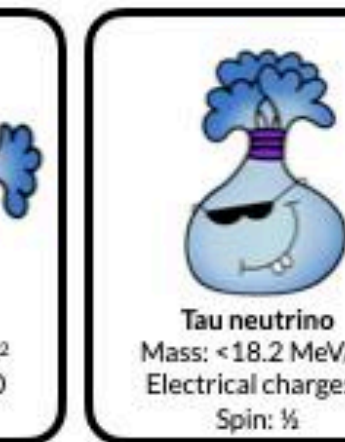
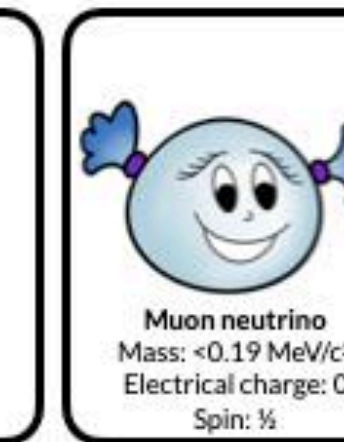
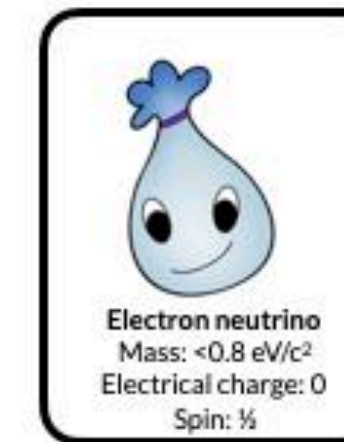
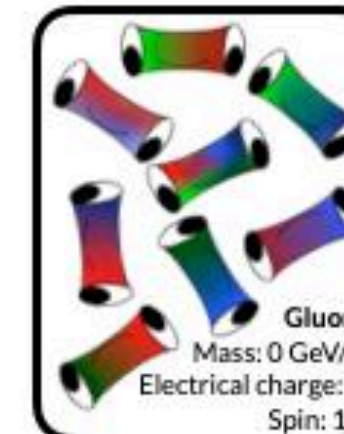
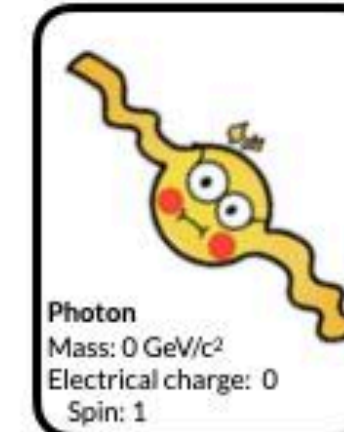
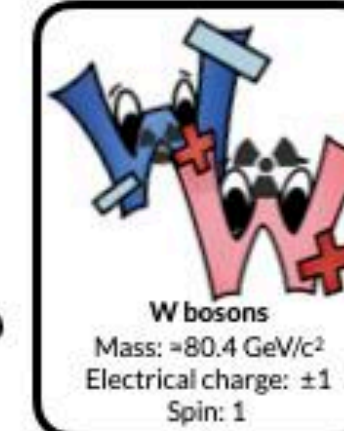
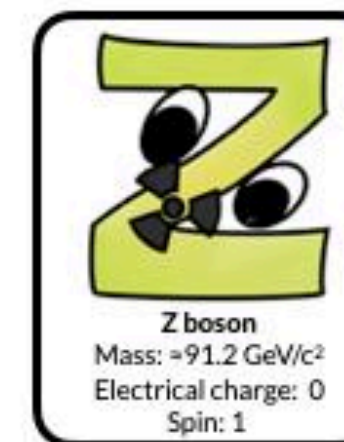
Originally created by CERN's S'Cool Lab: <http://cern.ch/identities>

Get your commemorative pin of your particle at the Button Making Station

Interaction particles

Leptons

Quarks



Discovered particles account for only

15%

of the Universe's mass!

What particle are you? →

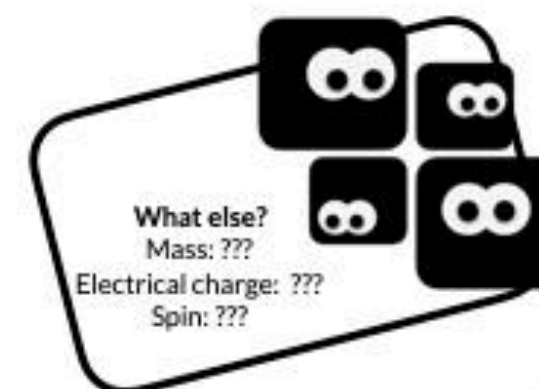


Particles facts
(Particle Data Group)

Art: Hannah Herde 2019-2025. All rights reserved.



Take the quiz



"Måla universum!" / "Colour the universe!"



Ways to get involved

- **Preparation**

- Posters
- Colouring book pages
- Button patterns
- Quiz questions for pop-up museum stations
- Localise the “What particle are you?” quiz in more languages
- Experimental setups and displays

- **Setup** (10-12 noon on 19 September)
- **Volunteer as a facilitator** for a pop-up museum exhibit, the popcorn machine, and/or button maker
 - Noon-17:00
 - Specify your time window
- Be a contender in the **Science Slam**
- **Clean up** in the evening (~17-19, after the Science Slam)



Supporting materials

- General information:
- Our official programme runs from lunch time until around 5pm (not a hard cutoff).
- From 7-8pm we host a science slam.
- During the day, we are set up in the "Thai wagon area" in front of and inside the study rooms. In addition, we have a tent outside on the lawn to draw people in from Sölvegatan, funnel them into the courtyard outside the K-building (where we have a popcorn machine) and then through the connection building.
- Inside, we have a number of stations from most of the divisions at the department, plus some guided tours of e.g. nanolab.
- We need volunteers to staff these stations as well as the popcorn machine and a button making station.
- From PKF, we plan a couple of stations, like
 - - muon lifetime experiment (with cool effects)
- OR
 - mock Rutherford experiment
 - - particle identity test
 - - everyday radioactivity
 - - cloud chamber
- Snacks are being provided for all volunteers throughout the day and everybody gets a T-Shirt.



- [*] Choose one or several of the following:
- - prepare posters
- - prepare workbook pages
- - prepare quiz questions
- - prepare experimental setups
- - prepare displays for exhibition
- - collect video material from CERN
- - prepare buttons
- - setup in the morning of Sep 20 (~10-12)
- - clean up in the evening (~17-19, after 20)
- - staff activities during the day [indicate timespan you are available]
- - take shifts at the popcorn machine [indicate possible time window]
- - take shifts at the button maker [indicate possible time windows]
- - anything that needs doing

