

Preparation

The LTP game

Tim (Muon Physics) & Sophie (Theory)

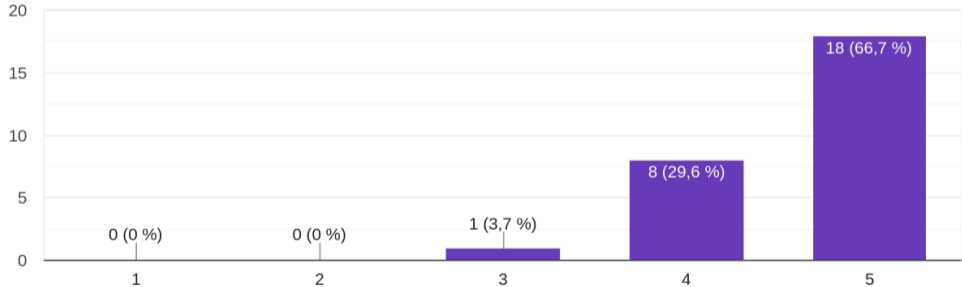
27.01.2025

Connecting people and research

The LTPhD events give me a broader overview about the research that is performed within LTP.



27 Antworten



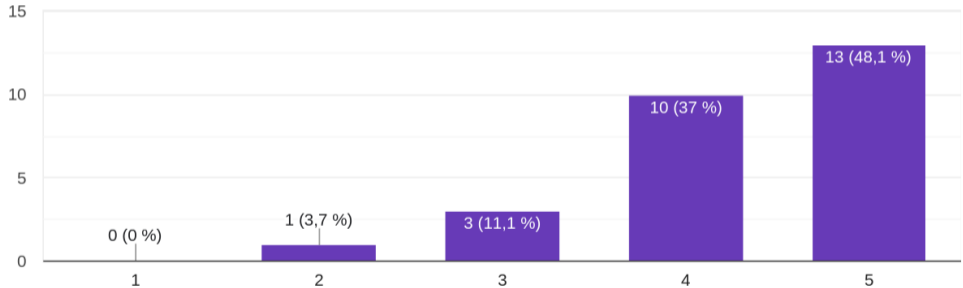
source: survey summer 2024

Connecting people and research

The LTPhD events have improved the connection among the students/postdocs of the groups at LTP.



27 Antworten



source: survey summer 2024

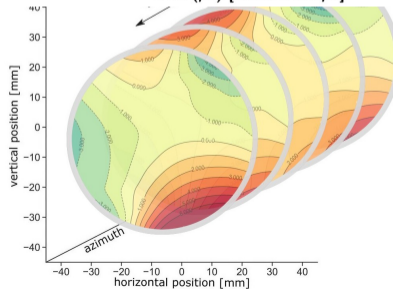
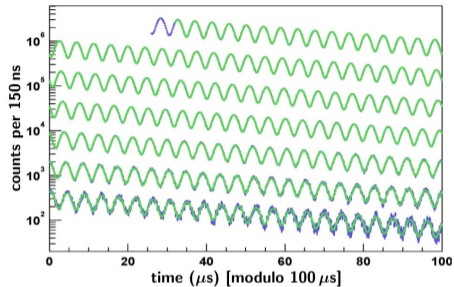
before the game

- every team/experiment prepares a slide with **approx. four pictures** describing the research of their team/experiment
 - no words
 - **not too obvious (no logos, ...)**

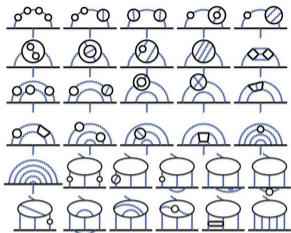
during the game @ LTPhD event

- people will come together in small groups (3-4 persons, teams mixed up)
- we'll show the slides and groups can match the slides to a team/experiment
- at the end, the teams/experiments will explain their pictures to everyone

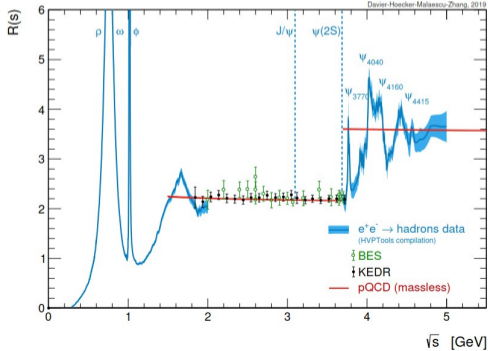
example 1



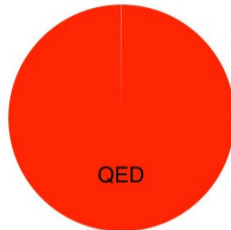
example 2



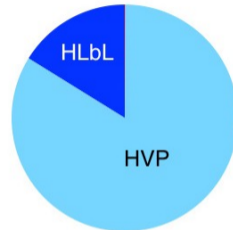
Davier-Hoercker-Malarscu-Zhang, 2019



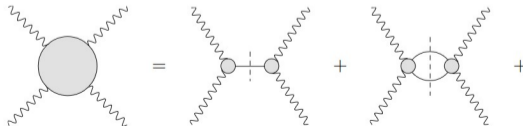
contribution



error²



● QED ● EW ● HVP ● HLbL



teams/experiments I (suggestions)

Theory

- BSM precision physics (Michael Spira)
- McMule (Adrian Signer)
- BSM phenomenology (Andreas Crivellin)
- QCD (Harald Ita)
- EFT (Peter Stoffer)
- OpenLoops (Max Zoller)

High Energy Physics

- CMS
- ?

UCN Physics

- n2EDM
- Mirror neutrons
- tauSPECT

Detectors, Irradiation and Applied Particle Physics

- Radiation monitors

Muon Physics

- MEG
- muEDM
- Mu3e
- muCool
- laser spectroscopy of muonic atoms
- X-ray spectroscopy of muonic atoms