

Session Program

27-28 Nov 2024

Particle Physics Days 2024

Afternoon session

Wednesday 27 November

13:00

Afternoon session: Group discussions on strategy

Session | Location:

13:00–13:15

Early Career Researchers - summary from ECFA ECR's

Speakers

Mikael Myllymaki, Petja Paakkinen

13:20–13:25

Preparation for the discussion session

Speakers

Henning Kirschenmann, Sami Sakari Rasanen

13:25–15:00

Discussion groups

15:00

Thursday 28 November

13:00

Afternoon session: Various topics

Session | Location:

13:00–13:15

Forward calorimeter (FoCal) upgrade in ALICE

Speaker

Hadi Hassan

13:20–13:40

PYTHIA development in Jyväskylä

Speaker

Dr Ilkka Helenius

13:45–14:00

Analysis of collective flow with ALICE Run3 data

Speaker

Neelkamal Mallick

14:08–14:23

Dimuon production in DIS with charm mass and NNLO corrections

Speaker

Sami Yrjänheikki

14:23–14:38

Tachyonic production of dark relics: classical lattice vs quantum 2PI in Hartree truncation

Speaker

Olli Väisänen

14:40–15:00

Lammi Biological Station: Research done here

14:59–15:00

Survey and group picture (QR Code, link, and picture)

15:00

15:30

Afternoon session: Various topics

Session | Location:

15:30–15:45

Quantum transport theory for mixing neutrinos

Speaker

Harri Parkkinen

15:50–16:10

Experimental neutrino physics in Finland

Speakers

Kai Krister Loo, Kai Krister Loo, Dr Kai Loo

16:15–16:35

Data unfolding for model independent comparison of dark matter direct detection experiments

Speaker

Matti Pekka Samuli Heikinheimo

16:40–16:55

Migdal effect in solid state dark matter detectors

17:18

Speaker

Aula Al-Adulrazzaq