

FCC Phenomenology Workshop

A scenic landscape view from a high vantage point. In the foreground, a brown goat with curved horns stands on a rocky, grassy cliff edge, looking out over the valley. The middle ground shows a wide valley with a mix of green fields, small towns, and a large lake in the distance. The background features rolling hills and mountains under a hazy sky.

CERN July 5th 2023

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CERN

Plan

Four half-day sessions specifically chosen to explore new opportunities in those areas and/or take a moment to consolidate as final preparations of mid-term report are underway.

Today

- Flavour – TH Conference Room
- BSM – Filt. Plant.

Also the TH Colloquium at 2pm, if interested.

Plan

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Tomorrow

- Gravitational waves connection – TH conf room.
- “BSM” Forum – TH Conf Room.
- Higgs – Filt. Plant.
- Muon Collider Synergies – Filt. Plant.

Plan

Four half-day sessions specifically chosen to explore new opportunities in those areas and/or take a moment to consolidate as final preparations of mid-term report are underway.

Friday

- Discussion on Mid-Term report planning.

Plan

Please enjoy the conference and take every opportunity to interact, especially with exp. colleagues!

$$\iint (Y_i^{(s)})^2 dS = \frac{8\pi a^2}{2i+1} \frac{\Gamma(i+s)}{\Gamma(i-s)} \frac{\Gamma(i-s)}{\Gamma(i)}$$

except when $s=0$ when $\iint (Q_i)^2 dS = \frac{4\pi a^2}{2i+1}$

Hence $\int_{-1}^{+1} (Q_i^{(s)})^2 d\mu = \frac{2}{2i+1} \frac{\Gamma(i-s)}{\Gamma(i+s)} \frac{\Gamma(i-s)}{\Gamma(i)}$ without exception
you $\frac{d}{dt}$