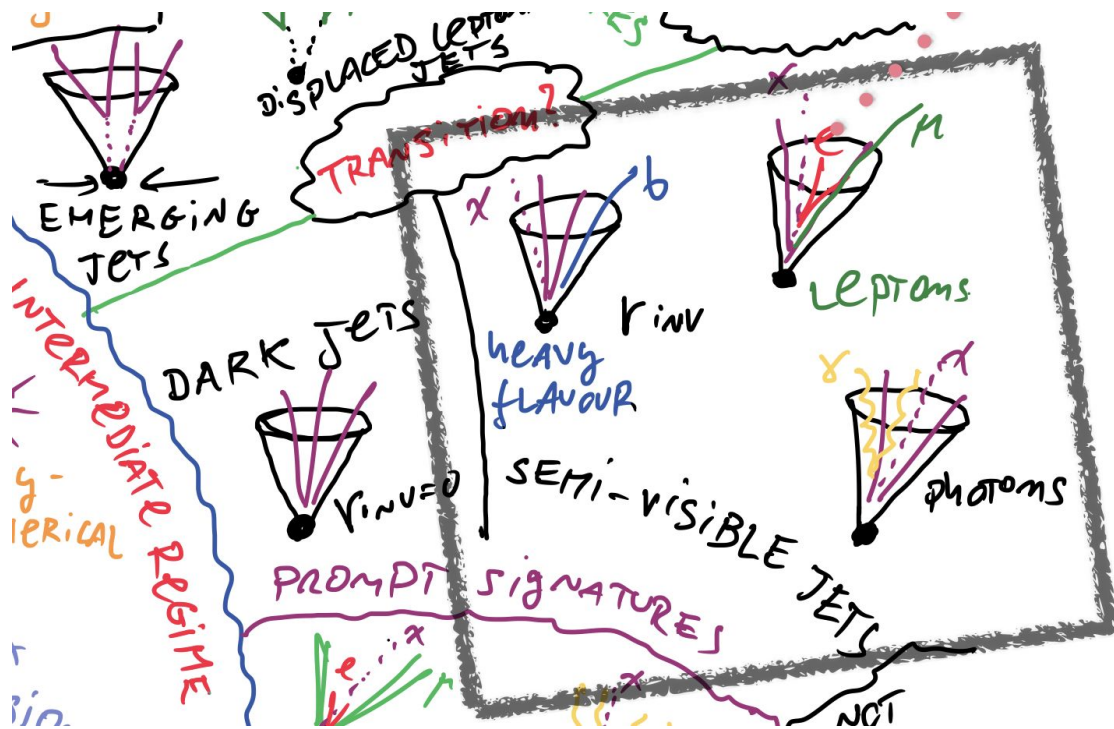


Dark showers discussion session

Annapaola de Cosa, Suchita Kulkarni & Sukanya Sinha



Glueballs as

EVERYTHING STRONG DARK SECTOR!

BRAINSTORMING:

What other new signatures we are missing?

$$m_\pi / f_\pi \sim 4\pi$$

 Δ

Open questions

- How predictive are these settings?
- How much tuning is required?
- Can they be embedded in dark QCD?
- What is the Bullet Cluster constraint?

Potential benchmarking strategies → how to proceed?

 m_π $c\tau$ m_ρ