

# Energy Frontier Status Report

Meenakshi Narain (Brown)

Laura Reina (FSU)

Alessandro Tricoli (BNL)

Frontier Conveners Meeting, July 27 2020

# Energy Frontier Goals at CPM

- Complete the list of “Focus questions”
  - Serves as a basis of the final report
  - Aiming for a complete list of LOIs and assess as to how they are distributed around the focus questions.
- The status of ongoing studies could also be presented.
  - Interesting preliminary results could attract more participation.
- Focus on inter Frontier discussions
  - Theory, DM, RF, Neutrino -- physics focussed.
  - Accelerator, Instrumentation, Computation - technical focus.
    - Define the challenges and develop the vision for future R&D needed

# Update on Activities

- The first community [EF Workshop \(July 20-22\)](#) on “**Open Questions and New Ideas**” was attended by ~450 participants. The [Preparatory Joint Sessions](#) of the **EF Topical Groups** were also organized on **July 7-8**.
- **Cross-frontier meeting** jointly organized by EF, RF and AF on “[Dark Sectors and Light Long-Lived Particles](#)” (July 15-16).,
- Organized **two joint community meetings with Accelerator Frontier** to get a list of collider parameters which will define the baseline (**June 24, July 1, 3 hours/day**). **June 24th meeting** was **very well attended** (>160 people at peak).
- We have been actively in contact with the Early Career EF liaisons (they had a Town Hall during July EF workshop) and we are discussing how to boost engagement and participation through TGs.
- We have met with the Instrumentation Frontier and Computation Frontier Liaisons to plan our activities in the near future.