



# Energy Frontier Workshop - Open Questions and New Ideas

## Tuesday, July 21, 2020

### Parallel Discussion Session: EF05-EF06-EF07 (1:29 PM - 4:40 PM)

| time    | [id] title  | presenter                                |
|---------|---|--|
| 1:29 PM | [M7] Zoom link for EF05-07 parallel session   |  |
| 1:30 PM | [M1] Forward QCD facility: brainstorming session  | GARZELLI, Maria Vittoria<br>KLING, Felix |
| 2:10 PM | [M2] Testing small-x/saturation approaches in nucleon and nuclear scattering<br>LHeC, FCC. Path toward LOI: brainstorming session | Prof. STASTO, Anna                       |
| 2:50 PM | [M5] Break  |  |
| 3:00 PM | [M4] Status of precision MC simulations for colliders   | PRESTEL, Stefan                          |
| 3:40 PM | [M3] Jet physics in HI and high multiplicity pp   | PLOSKON, Mateusz                         |
| 4:20 PM | [M6] Discussion   |  |

### Parallel Discussion Session: EF08-EF09-EF10 (1:29 PM - 4:35 PM)

| time    | [id] title  | presenter         |
|---------|---|-------------------|
| 1:29 PM | [M6] Zoom link for EF08-10 parallel session (with auto-captioning using otter.ai) |                   |
| 1:30 PM | [M7] LLP benchmarks Introduction  | SHUVE, Brian      |
| 1:50 PM | [M8] LLP benchmarks Discussion  |                   |
| 2:20 PM | [M9] Forward physics and BSM Introduction   | FENG, Jonathan    |
| 2:35 PM | [M0] Forward physics and BSM Discussion   |                   |
| 2:50 PM | Break   |                   |
| 3:00 PM | [M1] Use of Simplified Models Introduction  | KULKARNI, Suchita |
| 3:15 PM | [M2] Use of Simplified Models Discussion  |                   |
| 3:45 PM | [M3] Naturalness/Fine Tuning Introduction   | SUNDRUM, Raman    |
| 4:00 PM | [M4] Naturalness/Fine Tuning Discussion   |                   |

### Parallel Discussion Session: EF01-EF02-EF03-EF04 (1:29 PM - 4:30 PM)

| time    | [id] title  | presenter         |
|---------|---|-------------------|
| 1:29 PM | [M5] Zoom link for EF01-04 parallel session (auto-captioning with otter.ai) |                   |
| 1:30 PM | [M9] Precision QCD Physics Input to European Strategy Update                | SALAM, Gavin      |
| 1:50 PM | [M0] Discussion   |                   |
| 2:00 PM | [M5] Global Fits  | DURIEUX, Gauthier |
| 2:20 PM | [M2] Discussion   |                   |

|        |  |                 |
|--------|--|-----------------|
| 2:30 P | [19] BSM Wishlist                                | SUNDRUM, Raman  |
| 2:50 P | [24] Discussion                                  |                 |
| 3:00 P | [31] HH at HL-LHC and FCC-hh                     | ADELMAN, Jahred |
| 3:20 P | [36] Discussion                                  |                 |
| 3:30 P | [37] Thoughts on EW observables and calculations | FREITAS, Ayres  |
| 3:50 P | [38] Discussion                                  |                 |
| 4:00 P | [33] Discussion                                  |                 |
| 4:20 P | [40] Discussion                                  |                 |