

Snowmass EF03 meeting

Heavy flavor and top quark physics

Introduction

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How to get involved

- Join our email list by emailing to listserv@fnal.gov and keep the subject line blank and type in the body:
- SUBSCRIBE SNOWMASS-EF-03-TOP_HEAVY-FLAVOR@FNAL.GOV
FIRSTNAME LASTNAME
- Email the conveners: schwier@msu.edu, dw24@buffalo.edu
- Share your ideas for Snowmass-specific studies in form of a Letter of Interest (at most 2 pages)
 - Deadline: August 31, 2020
 - Instructions: <https://snowmass21.org/loi>
- Participate in/present at our meetings: see EF03 wiki page at https://snowmass21.org/energy/heavy_flavour
- Informal list of projects, possible collaborations, open questions, etc.:
- <https://docs.google.com/document/d/17aPp9XpJAImmPInPNtgV21rG2zEiFS2IHkOooC4rcQ>
 - Anyone can edit!

Monte Carlo Task Force

- To gather community input regarding the necessity and availability of MC samples for Snowmass 2021 the MC task force has provided a form at <https://docs.google.com/forms/d/e/1FAIpQLSfBDI8fy08uli35gLPFYAL2vGRF9YtkApm5i27Z6MCS9FDNXg/viewform?pli=1>
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Combined AF-EF meetings

- Combined meetings between accelerator and energy frontier
- First meeting yesterday: <https://indico.fnal.gov/event/43871/>
 - Very useful overviews of the different accelerators being considered
- Second meeting next week:
<https://indico.fnal.gov/event/43872/>
 - Other collider/accelerator options

July Energy Frontier workshop

- Workshop on July 20-22
 - <https://indico.fnal.gov/event/43963/>
 - Parallel sessions on Tuesday afternoon for precision measurement groups combined
- Preparation parallel meetings on July 7, 8
 - <https://indico.fnal.gov/event/43959/>
 - Parallel session for predictions for precision measurements on July 7
 - Parallel session on Higgs/Top/SM/BSM on Wednesday
 - Submit abstracts at <https://indico.fnal.gov/event/43959/abstracts/>
 - Either for a short talk (5+5) or an “offline” talk summarized by a summary speaker
 - Deadline is Sunday, June 28

Today

- Top physics at HL-LHC and HE-LHC
- 5-minute presentations by groups on their plans
- Discussion on top physics in light of the ESG priorities
 - Top and HF physics after HL-LHC is finished
 - Before FCC-ee or other collider has high enough energy to produce top pairs