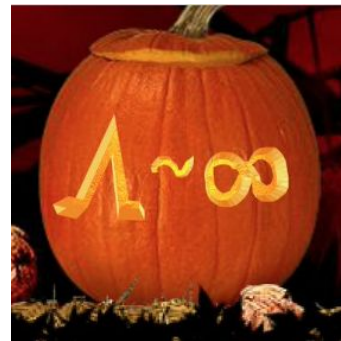


Snowmass 2021

EF09 - BSM

More general explorations



Tulika Bose, Zhen Liu, Simone Pagan Griso

https://snowmass21.org/energy/bsm_general



WISCONSIN
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Oct 30th 2020



MC Taskforce: how to get started

- MC taskforce twiki page ([link](#)) contains information on:
 - samples from collaborations/study-groups publicly accessible
 - simulation frameworks for various collider options
 - Information on Delphes cards available
- Large set of tutorials run in the past month
- **Possible common backgrounds** that can be centrally simulated (large-stat)
- MC Taskforce will start soon a production phase!
 - **Looking for volunteers** at all experience levels to join the production team: [fill this form](#)
 - [Fill request form](#) to request samples (please let us also know about it)

October 2020

 14 Oct [MC/Simulation Framework Tutorial: ILC Analysis Walkthrough](#)

 13 Oct [MC/Simulation Framework Tutorial: LHeC/FCC-eh](#)

September 2020

 30 Sep [MC/Simulation Framework Tutorial: Muon Collider](#)

 29 Sep [MC/Simulation Framework Tutorial: FCC-ee/hh \(day 3\)](#)

 28 Sep [MC/Simulation Framework Tutorial: Whizard for e+e-](#)

 22 Sep - 23 Sep [MC/Simulation Framework Tutorial: FCC-ee/hh \(day 1/2\)](#)

 08 Sep [MC/Simulation Framework Tutorial: CEPC](#)

August 2020

 28 Aug [MC/Simulation Framework Tutorial: ILC](#)

Agenda and next EF09 meetings

11:00 AM	→ 11:20 AM	Introduction	🕒 20m	📎 -
<small>Speakers: Simone Pagan Griso (Lawrence Berkeley National Laboratory), Tulika Bose (University of Wisconsin-Madison), Zhen Liu (University of Maryland)</small>				
11:20 AM	→ 11:30 AM	Searches for Long-Lived Particles at the FCC-ee	🕒 10m	📎 -
<small>Speaker: Rebeca Gonzalez Suarez (Uppsala University (SE))</small>				
11:35 AM	→ 11:50 AM	disappearing tracks at muon colliders	🕒 15m	📎 -
<small>Speaker: Federico Meloni (Deutsches Elektronen-Synchrotron)</small>				
11:55 AM	→ 12:05 PM	CMS HL-LHC LLP searches	🕒 10m	📎 -
<small>Speaker: Conor Henderson</small>				
12:10 PM	→ 12:40 PM	Discussion: benchmarks for heavy long-lived particle searches	🕒 30m	📎 -

- For the next meetings, we would like to dedicate each meeting to a topic
 - Today: Massive long-lived particles
 - Next: New Fermions and Exotica
- Contact us at any time if you have updates you'd like to share
 - Work-in-progress is perfectly fine, no need to wait for the final results!
 - Allows the community to give early feedback
 - Ensures your work is best used in the final report