



Summary of 2022

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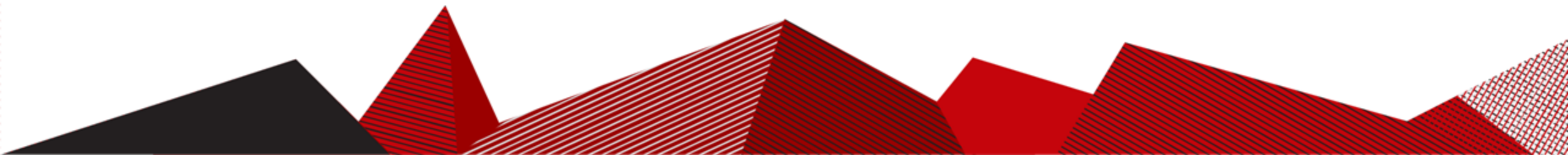
Dec 22nd, 2022





HH study

- Performed analysis for $4b$, $bb\gamma\gamma$, $bb\tau\tau$ (full hadronic and semi hadronic) final states of di-Higgs decay.
- Start the BIB in Delphes, write an Delphes module for randomly generating given number of BIB particles following the distribution of some given 1/2/3d histograms.
- In this winter vacation and following semester, I plan to continue this BIB in Delphes study. Hopefully, we could perform all those analyses again with BIB included.





Other

- Almost finished all my grad school applications.
- Taking a SUSY and string class with Prof. Shiu next semester.
- Graduating next semester.

