

closing remark

YuCHE 2019

scp

Feb 27, 2019

<https://yhep-indico.yonsei.ac.kr/event/302/overview>

YuCHE



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유채(油菜)

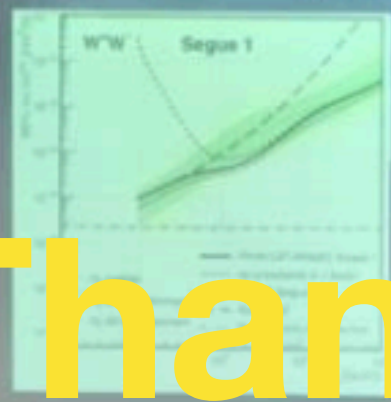
successful

- sponsored by Yonsei, LDU, also NRF
- helped by students: Kayoung Ban, Dhong Yeon Cheong, Sung Mook Lee, Yeji Park, Dong Woo Kang, Donghoon Lee, TG Kim, YS Jho
- ~50 participants
- 15 talks by experts (3 from Tokyo and most of active members from HE_Korea)
- thank you for your hot discussions on various on-going topics in cosmology and particle physics
- Hopefully, we can continue.

Thank you
&
Come back!

Probing our scenario

- Since the particle spectrum of the model remains heavy, around 5 TeV or more, their direct production at the 14 TeV LHC remains suppressed.



$$(\sigma v)_{DM-DM \rightarrow W^+W^-} =$$

$$2.83 \times 10^{-28} \text{ cm}^3 \text{ s}^{-1} (BP1)$$

$$3.24 \times 10^{-28} \text{ cm}^3 \text{ s}^{-1} (BP2)$$