



## Sanha Cheong

Ph.D. Student in Physics, admitted Autumn 2017

 Curriculum Vitae available Online

### Bio

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#### EDUCATION AND CERTIFICATIONS

- B.S., University of Rochester , Physics & Astronomy (2017)
- B.A., University of Rochester , Mathematics (2017)

### Publications

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#### PUBLICATIONS

- **Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider** *JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS*  
Alimena, J., Beacham, J., Borsato, M., Cheng, Y., Vidal, X., Cottin, G., Curtin, D., De Roeck, A., Desai, N., Evans, J. A., Knapen, S., Kraml, S., Lessa, et al  
2020; 47 (9)
- **Simultaneous Jet Energy and Mass Calibrations with Neural Networks**  
ATLAS, C.  
ATLAS Collaboration. CERN.  
2020 (ATL-PHYS-PUB-2020-001):
- **Parametrizing the detector response with neural networks** *Journal of Instrumentation*  
Cheong, S., Cukierman, A., Nachman, B., Safdari, M., Schwartzman, A.  
2020; 15: P01030--P01030
- **A computationally efficient approach for calculating galaxy two-point correlations** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*  
Demina, R., Cheong, S., BenZvi, S., Hindrichs, O.  
2018; 480 (1): 49–56