

# Stanford

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## Sebastian Matthias Wagner-Carena

Ph.D. Student in Physics, admitted Autumn 2018

### Publications

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#### PUBLICATIONS

- **Hierarchical Inference with Bayesian Neural Networks: An Application to Strong Gravitational Lensing** *ASTROPHYSICAL JOURNAL*  
Wagner-Carena, S., Park, J., Birrer, S., Marshall, P. J., Roodman, A., Wechsler, R. H., LSST Dark Energy Sci Collaboration  
2021; 909 (2)
- **A novel CMB component separation method: hierarchical generalized morphological component analysis** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*  
Wagner-Carena, S., Hopkins, M., Rivero, A., Dvorkin, C.  
2020; 494 (1): 1507–29