

Stanford

Dominic Beck

Postdoctoral Scholar, Physics

Bio

PROFESSIONAL EDUCATION

- PhD, Université de Paris (2019)
- MSc, ETH Zürich & École Polytechnique Paris (2016)
- BSc, TU Berlin (2014)

STANFORD ADVISORS

- Chao-Lin Kuo, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **LiteBIRD satellite: JAXA's new strategic L-class mission for all-sky surveys of cosmic microwave background polarization**
Hazumi, M., Ade, P. A., Adler, A., Allys, E., Arnold, K., Auguste, D., Aumont, J., Aurlien, R., Austermann, J., Baccigalupi, C., Banday, A. J., Banjeri, R., Barreiro, et al
SPIE-INT SOC OPTICAL ENGINEERING.2021
- **Impact of polarized galactic foreground emission on CMB lensing reconstruction and delensing of B-modes** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*
Beck, D., Errard, J., Stompor, R.
2020
- **CMB lensing reconstruction biases in cross-correlation with large-scale structure probes** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*
Fabbian, G., Lewis, A., Beck, D.
2019
- **Lensing reconstruction in post-Born cosmic microwave background weak lensing** *PHYSICAL REVIEW D*
Beck, D., Fabbian, G., Errard, J.
2018; 98 (4)