

Marios Galanis

Postdoctoral Scholar, Physics

Bio

STANFORD ADVISORS

- Peter Graham, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Astrometry with extended-path intensity correlation** *PHYSICAL REVIEW D*
Van Tilburg, K., Baryakhtar, M., Galanis, M., Weiner, N.
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- **Extended-path intensity correlation: Microarcsecond astrometry with an arcsecond field of view** *PHYSICAL REVIEW D*
Galanis, M., Van Tilburg, K., Baryakhtar, M., Weiner, N.
2025; 112 (8)
- **Dark matter scattering in astrophysical media: collective effects** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*
DeRocco, W., Galanis, M., Lasenby, R.
2022: 1-59
- **Dark QED from inflation** *JOURNAL OF HIGH ENERGY PHYSICS*
Arvanitaki, A., Dimopoulos, S., Galanis, M., Racco, D., Simon, O., Thompson, J. O.
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- **Black hole superradiance of self-interacting scalar fields** *PHYSICAL REVIEW D*
Baryakhtar, M., Galanis, M., Lasenby, R., Simon, O.
2021; 103 (9)
- **Large-misalignment mechanism for the formation of compact axion structures: Signatures from the QCD axion to fuzzy dark matter** *PHYSICAL REVIEW D*
Arvanitaki, A., Dimopoulos, S., Galanis, M., Lehner, L., Thompson, J. O., Van Tilburg, K.
2020; 101 (8)