

Stanford



Oana Vesa

Postdoctoral Scholar, Physics

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, New Mexico State University , Astronomy (2024)
- Bachelor of Arts, Albion College , Physics, Mathematics (2018)

STANFORD ADVISORS

- J. Hoeksema, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Structural Tilting and Depth-dependent Behavior of Equatorial Rossby Waves** *ASTROPHYSICAL JOURNAL*
Vesa, O., Zhao, J., Chen, R.
2026; 997 (2)
- **First high-resolution observations of chromospheric swirls with the Dunn Solar Telescope** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Vesa, O., Shetye, J., Verwichte, E.
2025; 543 (4): 3152-3171
- **Atmospheric Gravity Waves Modulated by the Magnetic Field Configuration** *ASTROPHYSICAL JOURNAL*
Vesa, O., Morales, J., Jackiewicz, J., Vigeesh, G., Reardon, K.
2025; 992 (2)
- **Characterizing the Observational Properties of the Sun's High-latitude $m=1$ Inertial Mode** *ASTROPHYSICAL JOURNAL*
Ding, B., Zhao, J., Chen, R., Waidele, M., Mahajan, S. S., Vesa, O.
2025; 989 (1)