Stanford

Guglielmo Panelli

Postdoctoral Scholar, Physics

Bio

HONORS AND AWARDS

- NSF Graduate Research Fellowship, U.S. National Science Foundation (2020)
- Barry Goldwater Scholarship, The Goldwater Scholarship Foundation (2019)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , PHYS-PHD (2026)
- B.S., University of Nevada, Reno , Physics, Mathematics (2020)

STANFORD ADVISORS

- Mark Kasevich, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Investigating resonant low-energy electron attachment to formamide: Dynamics of model peptide bond dissociation and other fragmentation channels** *Phys. Rev. Research*
  Panelli, G., Moradmand, A., Griffin, B., Swanson, K., Weber, T., Rescigno, T. N., McCurdy, C., Slaughter, D. S., Williams, J. B.
  2021; 3 (1): 013082
- **Applying the matched-filter technique to the search for dark matter transients with networks of quantum sensors** *EPJ QUANTUM TECHNOLOGY*
  Panelli, G., Roberts, B. M., Derevianko, A.
  2020; 7 (1)