



## Guglielmo Panelli

Ph.D. Student in Physics, admitted Autumn 2020

### Bio

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#### HONORS AND AWARDS

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

#### EDUCATION AND CERTIFICATIONS

- B.S., University of Nevada, Reno , Physics, Mathematics (2020)

### Publications

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#### 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)