

# Bryan Killett

Email: bryankillett@gmail.com

Homepage: bryankillett.com

## Education

Ph.D. Physics, University of Colorado, 2011.

M.S. Physics, University of Colorado, 2007.

B.S. Physics, University of Oregon, 2004.

## Research

### *Work in Progress*

“Antarctic Ocean tides from GRACE satellite accelerations,” Bryan Killett, David Wiese, Michael Watkins, Dah-Ning Yuan.

### *Refereed Publications*

“Arctic Ocean tides from GRACE satellite accelerations,” Bryan Killett, John Wahr, Shailen Desai, Dah-Ning Yuan, Michael Watkins, *J. Geophys. Res.*, 116, C11005, doi:10.1029/2011JC007111.

“Measurement of the transverse spatial quantum state of light at the single-photon level,” Brian J. Smith, Bryan Killett, Michael Raymer, K. Banaszek, I.A. Walmsley, *Opt. Lett.* 30. 3365-3367 (2005). quant-ph/0507142

### *Invited Talks*

“Using GRACE acceleration data to recover Arctic Ocean tides,” Bryan Killett, John Wahr, Shailen Desai, Dah-Ning Yuan, Michael Watkins, AGU Fall Meeting, San Francisco, December 2008.

### *Conference Presentations*

“Antarctic Ocean tides from GRACE satellite accelerations,” Bryan Killett, Shailen Desai, Dah-Ning Yuan, Michael Watkins, David Wiese, Victor Zlotnicki, American Geophysical Union Fall Meeting, San Francisco, CA, December 2012.

“Arctic Ocean tides from GRACE satellite accelerations,” Bryan Killett, John Wahr, Shailen Desai, Dah-Ning Yuan, Michael Watkins, Western Pacific Geophysics meeting, Taipei, Taiwan, June 2010.

“Preliminary analysis of Arctic Ocean tides using GRACE spacecraft acceleration data,” Bryan Killett, Shailen Desai, Dah-Ning Yuan, Michael Watkins, John Wahr, Earth Tides Symposium, Jena, Germany, September 2008.

“Interferometric measurement of spatial Wigner functions of light,” Bryan Killett, Brian J. Smith, Michael Raymer, Symposium on Undergraduate Research, Tucson, Arizona, October 2003.

### *Conference Posters*

“Global ocean tides from GRACE satellite accelerations,” Bryan Killett, John Wahr, Shailen Desai, Dah-Ning Yuan, Michael Watkins, 2012 Ocean Sciences Meeting, Salt Lake City, UT, February 2012.

“Preliminary analysis of Arctic Ocean tides using GRACE spacecraft acceleration data,” Bryan Killett, Shailen Desai, Dah-Ning Yuan, Michael Watkins, John Wahr, AGU Fall Meeting, San Francisco, California, December 2007

“Global comparisons of GRACE with water storage products,” Bryan Killett, Sean Swenson, John Wahr, Matthew Rodell, AGU Fall Meeting, San Francisco, California, December 2006.

## **Teaching Experience**

### *University of Colorado*

Teaching assistant for general physics, 2004-2006

### *University of Oregon*

Teaching assistant for general physics, 2002-2003

### *Portland Community College*

Resident tutor for mathematics, physics, chemistry, 2001-02

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