



## GRAVITY RESEARCH FOUNDATION

PO BOX 81389  
WELLESLEY HILLS MA 02481-0004  
USA

2017

## Awards for Essays on Gravitation

In 2017, for our sixty-eighth competition, the trustees of the Gravity Research Foundation are offering five awards for short essays for the purpose of stimulating thought and encouraging work on gravitation.

The stipulations follow.

- (1) We will make these Awards on May 15, 2017 for the best well-written essays, 1500 words or fewer (excluding abstracts & excluding a small number of equations, diagrams, figures, references and tables), on the subject of gravitation, its theory, applications, or effects. Essay ideas should be self-contained & understandable - not dependent on reading other documents.
- (2) **The First Award will be \$4000.00**  
**The Second Award will be 1250.00**  
**The Third Award will be 1000.00**  
**The Fourth Award will be 750.00**  
**The Fifth Award will be 500.00**
- (3) Essays must be in English and e-mailed in a single PDF file before April 1, 2017. One essay only will be accepted from each author. Notify us within 24 hours if you do not receive an e-mail confirmation of your submission.
- (4) Title page should include essay title; authors' names (specify corresponding author), e-mail & mailing addresses; submission date; an abstract of 125 words or fewer; and the statement: "Essay written for the Gravity Research Foundation 2017 Awards for Essays on Gravitation." Pages should be numbered.
- (5) The decision of the judges will be final and no reviews or comments will be provided.
- (6) Please check the winners' announcement to be posted on our website: [www.gravityresearchfoundation.org](http://www.gravityresearchfoundation.org) around May 15, 2017. We will also attempt to send all participants a general e-mail notification.
- (7) The five award-winning essays will be published in a special issue of the International Journal of Modern Physics D (IJMPD). Authors of essays designated Honorable Mention will be invited to submit their essays to the IJMPD where these may undergo additional refereeing at editorial discretion for possible publication. Authors of all other essays are free and encouraged to publish their essays after May 15th.

*Submission e-mail address: George M. Rideout, Jr., President, [grideoutjr@aol.com](mailto:grideoutjr@aol.com)*

### Recent First Award Winners:

- 2016 - Stephen L. Adler, Institute for Advanced Study, Princeton, New Jersey  
 2015 - Gerard 't Hooft, Utrecht University & Spinoza Institute, the Netherlands  
 2014 - Lawrence M. Krauss, Arizona State University & Frank Wilczek, Massachusetts Institute of Technology (MIT)  
 2013 - Baocheng Zhang, Qing-yu Cai, Ming-sheng Zhan, Chinese Academy of Sciences, Wuhan and Li You, Tsinghua University, Beijing, PR China  
 2012 - Claus Kiefer & Manuel Krämer, University of Cologne, Köln, Germany  
 2011 - Ivan Agullo, Penn State & Leonard Parker, University of Wisconsin-Milwaukee  
 2010 - Mark Van Raamsdonk, University of British Columbia, Vancouver  
 2009 - Alexander Burinskii, Russian Academy of Sciences, Russia  
 2008 - T. Padmanabhan, IUCAA, Pune, India  
 2007 - S. Carlip, University of California at Davis  
 2006 - Vijay Balasubramanian, University of Pennsylvania; Donald Marolf, University of California at Santa Barbara & Moshe Rozali, University of British Columbia  
 2005 - John Ellis, CERN; N. E. Mavromatos, King's College London & D. V. Nanopoulos, Texas A&M University  
 2004 - Maulik Parikh, Columbia University, New York  
 2003 - Martin Bojowald, The Pennsylvania State University  
 2002 - Steven B. Giddings, University of California at Santa Barbara & Stanford University

PLEASE  
POST