

**AMERICAN PHYSICAL SOCIETY LICENSE
TERMS AND CONDITIONS**

Mar 15, 2016

This Agreement between Zachary W Yokley ("You") and American Physical Society ("American Physical Society") consists of your license details and the terms and conditions provided by American Physical Society and Copyright Clearance Center.

License Number	3830321274308
License date	Mar 15, 2016
Licensed Content Publisher	American Physical Society
Licensed Content Publication	Physical Review Letters
Licensed Content Title	Precision Measurement of the ${}^7\text{Be}$ Solar Neutrino Interaction Rate in Borexino
Licensed Content Author	None
Licensed Content Date	Sep 30, 2011
Licensed Content Volume Number	107
Type of Use	Thesis/Dissertation
Requestor type	Student
Format	Print, Electronic
Portion	chart/graph/table/figure
Number of charts/graphs/tables/figures	1
Portion description	I would like to use the bottom plot of Figure 1 in Phys. Rev. Lett., vol. 107, p. 141302, 2011.
Rights for	Main product
Duration of use	Life of Current Edition
Creation of copies for the disabled	yes
With minor editing privileges	no
For distribution to	Worldwide
In the following language(s)	Original language plus all translations
Specific languages	English
With incidental promotional use	no
The lifetime unit quantity of new product	0 to 499
The requesting person/organization is:	Zachary W. Yokley
Order reference number	None
Title of your thesis / dissertation	Solar and Sterile Neutrino Physics with the Raghavan Optical Lattice
Expected completion date	May 2016
Expected size (number of	225

pages)

Requestor Location Zachary W Yokley
1109 Giles Rd

BLACKSBURG, VA 24060
United States
Attn: Zachary W Yokley

Billing Type Invoice

Billing Address Zachary W Yokley
1109 Giles Rd

BLACKSBURG, VA 24060
United States
Attn: Zachary W Yokley

Total 0.00 USD

[Terms and Conditions](#)

Terms and Conditions

The American Physical Society (APS) is pleased to grant the Requestor of this license a non-exclusive, non-transferable permission, limited to [**print** and/or **electronic** format, depending on what they chose], provided all criteria outlined below are followed.

1. For electronic format permissions, Requestor agrees to provide a hyperlink from the reprinted APS material using the source material's DOI on the web page where the work appears. The hyperlink should use the standard DOI resolution URL, <http://dx.doi.org/{DOI}>. The hyperlink may be embedded in the copyright credit line.
2. For print format permissions, Requestor agrees to print the required copyright credit line on the first page where the material appears: "Reprinted (abstract/excerpt/figure) with permission from [(FULL REFERENCE CITATION) as follows: Author's Names, APS Journal Title, Volume Number, Page Number and Year of Publication.] Copyright (YEAR) by the American Physical Society."
3. Permission granted in this license is for a one-time use and does not include permission for any future editions, updates, databases, formats or other matters. Permission must be sought for any additional use.
4. Use of the material does not and must not imply any endorsement by APS.
5. Under no circumstance does APS purport or intend to grant permission to reuse materials to which it does not hold copyright. It is the requestors sole responsibility to ensure the licensed material is original to APS and does not contain the copyright of another entity, and that the copyright notice of the figure, photograph, cover or table does not indicate that it was reprinted by APS, with permission from another source.
6. The permission granted herein is personal to the Requestor for the use specified and is not transferable or assignable without express written permission of APS. This license may not be amended except in writing by APS.
7. You may not alter, edit or modify the material in any manner.
8. You may translate the materials only when translation rights have been granted.
9. You may not use the material for promotional, sales, advertising or marketing purposes.
10. The foregoing license shall not take effect unless and until APS or its agent, Copyright Clearance Center (CCC), receives payment in full in accordance with CCC Billing and Payment Terms and Conditions, which are incorporated herein by reference.
11. Should the terms of this license be violated at any time, APS or CCC may revoke the license with no refund to you and seek relief to the fullest extent of the laws of the USA.

Official written notice will be made using the contact information provided with the permission request. Failure to receive such notice will not nullify revocation of the permission.

12. APS reserves all rights not specifically granted herein.

13. This document, including the CCC Billing and Payment Terms and Conditions, shall be the entire agreement between the parties relating to the subject matter hereof.

Other Terms and Conditions

Questions? customercare@copyright.com or +1-855-239-3415 (toll free in the US) or +1-978-646-2777.
