Accepted Manuscript

FEMTOSECOND LASER IRRADIATION OF OLIVINE SINGLE CRYSTALS: EXPERIMENTAL SIMULATION OF SPACE WEATHERING

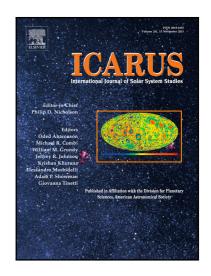
A. Fazio, D. Harries, G. Matthäus, H. Mutschke, S. Nolte, F. Langenhorst

PII: S0019-1035(17)30219-1 DOI: 10.1016/j.icarus.2017.07.025

Reference: YICAR 12546

To appear in: Icarus

Received date: 16 March 2017 Revised date: 29 June 2017 Accepted date: 31 July 2017



Please cite this article as: A. Fazio, D. Harries, G. Matthäus, H. Mutschke, S. Nolte, F. Langenhorst, FEMTOSECOND LASER IRRADIATION OF OLIVINE SINGLE CRYSTALS: EXPERIMENTAL SIMULATION OF SPACE WEATHERING, *Icarus* (2017), doi: 10.1016/j.icarus.2017.07.025

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

FEMTOSECOND LASER IRRADIATION OF OLIVINE SINGLE CRYSTALS: EXPERIMENTAL SIMULATION OF SPACE WEATHERING

A. Fazio¹, D. Harries¹, G. Matthäus^{2,3}, H. Mutschke⁴, S. Nolte^{2,3}, and F. Langenhorst¹

¹Institute of Geoscience, Friedrich Schiller University Jena (FSU), Carl-Zeiss-Promenade 10, 07745 Jena, Germany

²Institute of Applied Physics, Abbe Center of Photonics, FSU, Albert Einstein-Straße 15, 07745 Jena, Germany

³Fraunhofer Institute for Applied Optics and Precision Engineering, Albert-Einstein-Straße 7, 07745 Jena, Germany

⁴Astrophysical Institute and University Observatory, FSU, Schillergässchen 2-3, 07745 Jena, Germany

Corresponding author: Agnese.Fazio@uni-jena.de

Download English Version:

https://daneshyari.com/en/article/5487227

Download Persian Version:

https://daneshyari.com/article/5487227

<u>Daneshyari.com</u>