

Accepted Manuscript

SELMA mission: How do airless bodies interact with space environment? The Moon as an accessible laboratory

Yoshifumi Futaanaa, Stas Barabash, Martin Wieser, Peter Wurz, Dana Hurley, Mihaly Horányi, Urs Mall, Nicolas Andre, Nickolay Ivchenko, Jürgen Oberst, Kurt Retherford, Andrew Coates, Adam Masters, Jan-Erik Wahlund, Esa Kallio

PII: S0032-0633(17)30279-9

DOI: [10.1016/j.pss.2017.11.002](https://doi.org/10.1016/j.pss.2017.11.002)

Reference: PSS 4419

To appear in: *Planetary and Space Science*

Received Date: 31 July 2017

Revised Date: 7 October 2017

Accepted Date: 1 November 2017

Please cite this article as: Futaanaa, Y., Barabash, S., Wieser, M., Wurz, P., Hurley, D., Horányi, M., Mall, U., Andre, N., Ivchenko, N., Oberst, J., Retherford, K., Coates, A., Masters, A., Wahlund, J.-E., Kallio, E., SELMA proposal team, SELMA mission: How do airless bodies interact with space environment? The Moon as an accessible laboratory, *Planetary and Space Science* (2017), doi: [10.1016/j.pss.2017.11.002](https://doi.org/10.1016/j.pss.2017.11.002).

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.



SELMA: How do airless bodies interact with space environment?

SELMA mission: How do airless bodies interact with space environment? The Moon as an accessible laboratory

Yoshifumi Futaana, Stas Barabash, Martin Wieser

Swedish Institute of Space Physics, Box 812, Kiruna SE 98128, Sweden.

E-mail: futaana@irf.se

Peter Wurz

University of Bern, Bern, Switzerland

Dana Hurley

The Johns Hopkins University Applied Physics Laboratory, Laurel, USA

Mihaly Horányi

Laboratory for Atmospheric and Space Physics, University of Colorado, USA

Urs Mall

Max Planck Institute for Solar System Research, Göttingen, Germany

Nicolas Andre

IRAP- Université de Toulouse, CNRS, France

Nickolay Ivchenko

KTH Royal Institute of Technology, Stockholm, Sweden

Jürgen Oberst

German Aerospace Center, Berlin, Germany

Kurt Retherford

Southwest Research Institute, San Antonio, USA

Andrew Coates

Mullard Space Science Laboratory, University College London, London, UK

Adam Masters

Imperial College London, London, UK

Jan-Erik Wahlund

Swedish Institute of Space Physics, Uppsala, Sweden

Esa Kallio

Aalto University, Helsinki, Finland

and the SELMA proposal team.

Keyword: Moon exploration, volatile, water, mini-magnetosphere, dust, permanently shadowed crater

Download English Version:

<https://daneshyari.com/en/article/8142172>

Download Persian Version:

<https://daneshyari.com/article/8142172>

[Daneshyari.com](https://daneshyari.com)