

Accepted Manuscript

Seismic response of the Mars Curiosity Rover: Implications for future planetary seismology

Mark P. Panning, Sharon Kedar

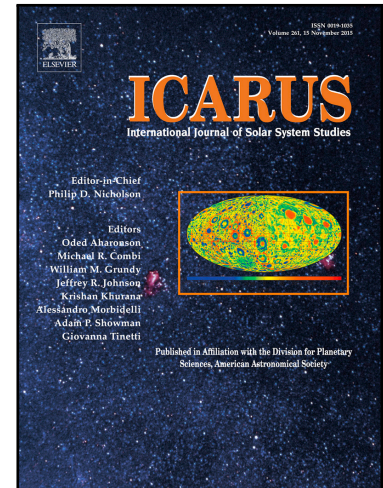
PII: S0019-1035(18)30249-5
DOI: <https://doi.org/10.1016/j.icarus.2018.06.017>
Reference: YICAR 12938

To appear in: *Icarus*

Received date: 10 April 2018
Revised date: 6 June 2018
Accepted date: 13 June 2018

Please cite this article as: Mark P. Panning, Sharon Kedar, Seismic response of the Mars Curiosity Rover: Implications for future planetary seismology, *Icarus* (2018), doi: <https://doi.org/10.1016/j.icarus.2018.06.017>

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.



Highlights

- A deck seismometer on a Curiosity engineering model showed clear tectonic events.
- The deck seismometer had high coherence with an instrument on the ground.
- Seismometers with minimal accommodation may meet science needs for future landers.

Download English Version:

<https://daneshyari.com/en/article/9953750>

Download Persian Version:

<https://daneshyari.com/article/9953750>

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