Seminario 11/11, "Lunar Resources"

Submitted by Fontana Alessandro on 10 novembre, 2020 - 10:52 Comunicazioni agli studenti

Scusandomi dello scarso preavviso, vi informiamo che, nell?ambito del corso di ?Planetary Geology and Exploration? (Prof. Matteo Massironi), si terrà il seguente seminario in modalità remota:

Mercoledì 11/11/2020, 16:30-17:15

Titolo: ?Moon Resources?

Relatore: Aidan Cowley

Afferenza: European Astronaut Centre, Cologne, Germany

Zoom-link:

https://unipd.zoom.us/j/95469164648

ABSTRACT

Sustainable exploration beyond Low Earth Orbit will require the discovery and utilisation of resources in-situ on planetary surfaces. Within the next decade, an increasing emphasis is being made to address and understand the resource potential of the Lunar surface, as well as the technologies we will need to access and avail of them. In this talk, we will outline the context for resources on the moon, some of their potential near term applications and the technologies that could be used to exploit them, with a particular emphasis on oxygen production using regolith.

Aidan Cowley è Science Advisor & Spaceship EAC Coordinator presso l?European Astronaut Centre dell?Agenzia Spaziale Europea di Colonia.

Data la situazione di contrasto al Covid-19, il seminario si terrà in modalità remota e, quindi può essere seguito da tutti gli studenti che non abbiano lezioni che si sovrappongono all?orario.

La partecipazione a questo seminario potrà essere conteggiata come 1 dei 10 seminari di Geoscienze che gli studenti devono seguire durante la laurea magistrale.

Gli studenti che non potranno essere presenti in quanto impegnati in altro corso o per impegni precedentemente stabiliti, non si preoccupino. Infatti, la registrazione del seminario sarà caricata sul Moodle ?Seminari di Geoscienze? e potrà essere ritenuto ugualmente conteggiato come uno dei seminari da seguire.

A partire dalle prossime settimane saranno organizzati seminari da parte del Dipartimento, sempre in modalità remota, i giovedì alle 16:30.

Attestazione della partecipazione: gli studenti dovranno compilare la dichiarazione di presenza al relativo seminario presente in Moodle.

Cordiali saluti

Commissione Seminari

(Prof. Alessandro Fontana)

ENGLISH VERSION

Sorry for the short notice, we inform you that in the framework of the course of ?Planetary Geology and Exploration? (Prof. Matteo Massironi), the following seminar is planned:

Wednesday 11/11/2020, 16:30-17:15

Title: ?Moon Resources?

Speaker: Aidan Cowley

Institution: European Astronaut Centre, Cologne, Germany

The seminar will be a teleconference at the Zoom-link:

https://unipd.zoom.us/j/95469164648

ABSTRACT

Sustainable exploration beyond Low Earth Orbit will require the discovery and utilisation of resources in-situ on planetary surfaces. Within the next decade, an increasing emphasis is being made to address and understand the resource potential of the Lunar surface, as well as the technologies we will need to access and avail of them. In this talk, we will outline the context for resources on the moon, some of their potential near term applications and the technologies that could be used to exploit them, with a particular emphasis on oxygen production using regolith.

Aidan Cowley è Science Advisor & Spaceship EAC Coordinator presso l?European Astronaut Centre dell?Agenzia Spaziale Europea di Colonia.

Due to the policy for contrasting the Covid-19, the seminar will be a teleconference and so, it can be attended connecting to the Zoom-link by all the students that are not already busy in other scheduled lectures.

The participation to the seminar will be counted as 1 of the 10 seminars of Geosciences that Master students have to attend. The same is for the PhD students.

The students that are already busy, and could not attend the seminar ?Live?, will have the possibility to see the video of the conference, which will be available in the Moodle ?Seminari di Geoscienze?. Also in this modality the seminar will be counted.

In the next weeks the Department will organize other ?Live? seminars in remote modality on Thursday at 16:30.

The students can certificate their participation to the seminar filling the specific declaration about this seminar that is available in Moodle.

Best regards

Commissione Seminari

(Prof. Alessandro Fontana)

Allegato	Dimensione
Seminario_Cowley_11-11-2020.pdf	746.84 KB

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