The Keck Institute for Space Studies presents a short course on:

In-Situ Resource Utilization (ISRU) on Mars

*Can photoelectrochemical production of fuel and oxygen play a role?*

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**Tuesday, June 28th, 2016**

8:00 A.M. Coffee
8:30 A.M. - 12:30 P.M. Short Course

**Lees-Kubota Lecture Hall**
**Guggenheim Building**
**California Institute of Technology**

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**Dr. Jerry Sanders - NASA JSC**
ISRU: State of the Art and System-Level Considerations

**Dr. David Kass - JPL**
Overview of the Surface and Atmosphere of Mars: Challenges and Opportunities

**Dr. Mike Hecht - MIT**
ISRU on Mars: Challenges, Current Status, and Prospects

**Dr. CX Xiang - Caltech**
Overview of Photoelectrochemical Devices for Conversion of CO2 and Water to Oxygen and Fuels

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No registration is required for this short course. Seating is limited and is available on a first come, first served basis. An informal lunch is provided for all attendees.

for more information go to: www.kiss.caltech.edu