

# Io Workshop 2008

## FUTURE EXPLORATION AND OUTSTANDING QUESTIONS

Thursday Dec 11 1pm-5:30 pm

Friday Dec 12 9:30am-5:30 pm

### UC-Berkeley

(SSL Addition room conference #105)

#### Speakers

A. Davies (JPL)  
P. Geissler (U. of Arizona)  
T. Gregg (U. of Buffalo)  
L. Karlstrom (UC-Berkeley)  
L. Keszthelyi (USGS)  
K. Lea Jessup (SWRI)  
R. Lopes (JPL)  
F. Marchis (UC-Berkeley & SETI)  
A. McEwen (U. of Arizona)  
J. Rathbun (Redlands U.)  
I. de Pater (UC-Berkeley)  
K. Retherford (SWRI)  
D. Williams (ASU)

#### Topics

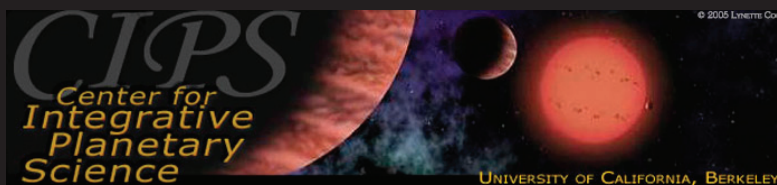
"Remote sensing observations of Io and Earth Volcanoes"  
"Plumes and surface changes on Io"  
"Paterae formation and Lava Lake simulations"  
"Patterns on surface of lava lakes"  
"Revising highest eruption temperature on Io volcanoes"  
"HST observations of Io's extended atmosphere"  
"Galileo observations of active volcanoes"  
"Future explorations of Io from the ground"  
"Io Volcano Observer mission concept"  
"Io's eclipse observations"  
"Keck AO observations of Io volcanism"  
"New Horizon observations of Io's aurora"  
"Global geological map of Io"  
and discussion about JUNO and future missions.

**To attend the workshop, please RSVP contact:**

Franck Marchis (fmarchis@berkeley.edu)

**Visit the workshop website for more information:**

<http://astro.berkeley.edu/~fmarchis/Science/IoWorkshop2008/index.htm>



Sponsored by the Center for Integrative Planetary Science (CIPS)