



Keck Institute for Space Studies (KISS) Innovative Approaches to Exoplanet Spectra Introduction to Workshop

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ExoPlanet Exploration Program

- Our purpose is to generate new ideas for exoplanet science observations, using near-term platforms.
- Platforms include aircraft, balloons, rockets, & the ISS.
- We will start with a Short Course on exoplanets.
- We will then look at each platform, and list all the crazy ideas you can think of.
- Priorities: 1. near-term, 2. science, & 3. cost.
- We will then meet in sub-groups to refine those ideas.
- We will end up with a few ideas per platform.
- These ideas can be pursued by us and others.
- We will generate a brief report summarizing the mtg.
- We will put all talks on-line.



- Tues.: Short Course, Near-term Science, Aircraft
- Wed.: Balloons, Suborbital NASA & Commercial Rockets
- Thur.: Rockets to orbit, ISS, Initial breakout groups
- Fri.: Breakout groups, Reports, Findings.

- Session Chairs: Initiate & guide your session discussion.

- Speakers: Keep it short, save some charts for backup.

- Breaks, lunches, & dinners are for continued discussion.

- Amanuensis: Roger Carlson

Related events



ExoPlanet Exploration Program

- Bridging the Gap to Space, 26-28 Oct., Boulder, Eliot Young
- X-prize competitions, several, 2 Nov.
- Space Elevator Competition, 9 Nov., Edwards CA, NASA
- JPL Next-Gen Suborbital S/C Payload Workshop, 13 Nov., JPL, J.Kwok (JPL) & M.Isakowitz (CSF)
- Student payloads for balloons, 18 Dec. deadline, NASA
- Next-Gen Suborbital Res. Conf., 18-20 Feb, Boulder, Alan Stern
- Theor/Obs of Exoplanets, Jan-May, KITP, A.Burrows & D.Stevenson
- KISS follow-up funding is possible