

SPACE NUCLEAR SYSTEMS FORUM 2009 (SNSF-09)

Preliminary Agenda

Tuesday, February 10, 2009

Opening Plenary —

- 9:00 a.m. Keynote Address
Speaker: awaiting confirmation
- 9:30 a.m. Exploration Technology Development Program
Speaker: Chris Moore, *Program Executive, Exploration Technology Development Program, NASA Headquarters (invited)*
- 10:00 a.m. Fission Surface Power (FSP) for Lunar Exploration
Speaker: Don Palac, *Project Manager, Fission Surface Power, NASA Glenn Research Center (invited)*
- 10:30 a.m. Break

Introduction of Topics —

- 10:45 a.m. Potential RPS Science Mission Applications
Speaker: James Green, *Director, Planetary Science Division, NASA Headquarters*
- 11:15 a.m. Radioisotope Power Systems (RPS)
Speaker: Steve Johnson, *Space Nuclear Division Director, Idaho National Laboratory*
- 11:45 a.m. Historical Nuclear Thermal Propulsion (NTP) Perspectives
Speaker: Stan Borowski, *NASA Glenn Research Center (invited)*
- 12:15 p.m. Lunch

Lunar Architecture Studies —

A large group discussion will be conducted on the impact of increased power availability on a proposed lunar outpost, Martian outpost, and science mission architectures. Additional follow-on discussions will be held during the afternoon breakout sessions.

- 1:15 p.m. Lunar Architecture Team Status
Speaker: Jonette Stecklein, *NASA Johnson Space Center*
- 2:00 p.m. Power Requirements for Mobility
Speaker: TBD
- 2:45 p.m. Power Requirements for Life Support Systems
Speaker: TBD
- 3:30 p.m. Power Requirements for *In Situ* Resource Utilization and Cryogenics
Speaker: TBD
- 4:15 p.m. Discussion

Thursday, February 12, 2009

Forum Wrap-up —

8:30 a.m. Summary of Forum/Plans for Next Forum
Chair: Shannon Bragg-Sitton, *Texas A&M University*
Additional Moderators:
Michael Houts, *NASA Marshall Space Flight Center*
Steve Howe, *Center for Space Nuclear Research*
John Scott, *NASA Johnson Space Center*

12:45 p.m. Meeting adjourns