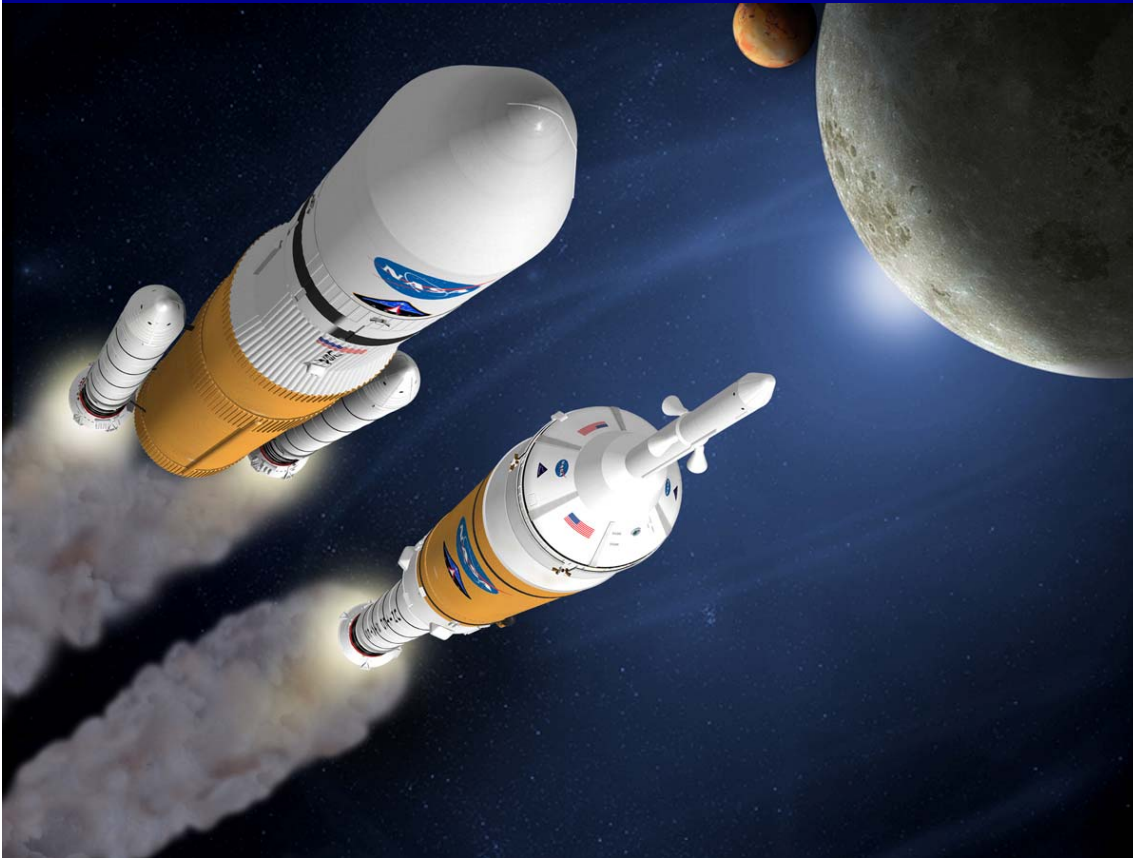


Moon, Mars and Beyond Future Strategy



**ARISS International
Delegates Meeting
Frank H. Bauer
*18 July 2008***

Background

- On January 14, 2004, US President Bush proclaimed a new exploration initiative for NASA-- go to the Moon by 2020, Mars next and beyond Mars later
- NASA working on architecture and funding for new initiative
- Other international space agencies are investigating Exploration programs and developing their strategies for supporting this initiative



NASA's Exploration Initiative Status

- **Retirement of Space Shuttle in 2010**
- **Continue to meet international commitments on ISS development and operations**
 - **Complete ISS construction**
 - **Utilize the ISS as an engineering and science testbed to further goals of Exploration**
 - **CEV flights to ISS in the 2014-2015 timeframe**
- **Lunar robotic missions starting in 2008-2009**
- **Lunar human exploration missions starting in the 2015-2020 timeframe**
- **Mars human exploration missions when ready**
- **This is a journey, not a race**

Additional Background & Potential Opportunities for ARISS

- **Educational and Public outreach is part of the exploration requirements, including the need to support these activities through vehicle power & mass**
- **Orion crew exploration vehicle for ISS has a requirement for unpressurized cargo. An opportunity to fly deployed payload on ISS is a potential future opportunity.**
- **Lunar missions should not focus on Orion or the Altair lander. The lunar surface system infrastructure is where ARISS should focus. These systems will probably be developed and build in an international forum, like ISS**

