Subject: Wednesday's FISO telecon colloquium: "A Study of Options for Lunar Surface Access from Earth-Moon L1/L2"
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From: Thronson, Harley A. (GSFC-6600) <harley.a.thronson@nasa.gov>

Folks,

This week's Future In-Space Operations (FISO) telecon colloquium will will host Mark Schaffer (SEI), who will speak on "A Study of Options for Lunar Surface Access from Earth-Moon L1/L2".

As always, the colloquium will be at 3pm ET and will use our regular FISO telecon number.

The speaker's presentation will be posted on the FISO server at the University of Texas at by noon Wednesday: http://spirit.as.utexas.edu/~fiso/telecon.htm

And please note that we are now audio-recording the colloquia and archiving the recordings with the presentation materials.

Have a good week,

Harley

Mark Schaffer: mark.schaffer@sei.aero
Mark Schaffer is a Senior Aerospace Engineer in the Engineering division of SpaceWorks Enterprises, Inc. (SEI). Mr. Schaffer's disciplinary focuses include conceptual design of space access and space exploration architectures, performance and closure analysis of architecture elements, trajectory determination for Earth-to-orbit and deep space missions, and technology impact evaluation. Mr. Schaffer is member of SpaceWorks' Advanced Concepts Group and is the company lead for human space exploration. In this role, he led a study sponsored by ULA to investigate cryogenic propulsive stages for human missions to the Moon, asteroids, and Mars. He has supported NASA lunar architecture studies for crew habitation and surface infrastructure design, and performed the habitat designs for a SpaceWorks study of manned Mars missions. In addition, Mr. Schaffer served as the team leader and lead engineer for SEI's Foresight proposal, a concept for a radio tagging mission to the asteroid Apophis. This proposal won first prize in the 2007-2008 Planetary Society Apophis Mission Design Competition. Mr. Schaffer also supports SpaceWorks' space launch systems and hypersonic flight focus areas. He recently participated in the joint NASA-DARPA Horizontal Launch Study as a member of the analysis team, focusing on meta-model development and integration for closure and performance metrics models, and technology impact evaluation on the concept vehicles. He also led a study through the Joint Systems Study to investigate the impact of technologies on NASA's TBCC launch system. Mr. Schaffer received his Bachelor of Science degree in Aerospace Engineering from the University of Illinois at Urbana-Champaign in 2006.