

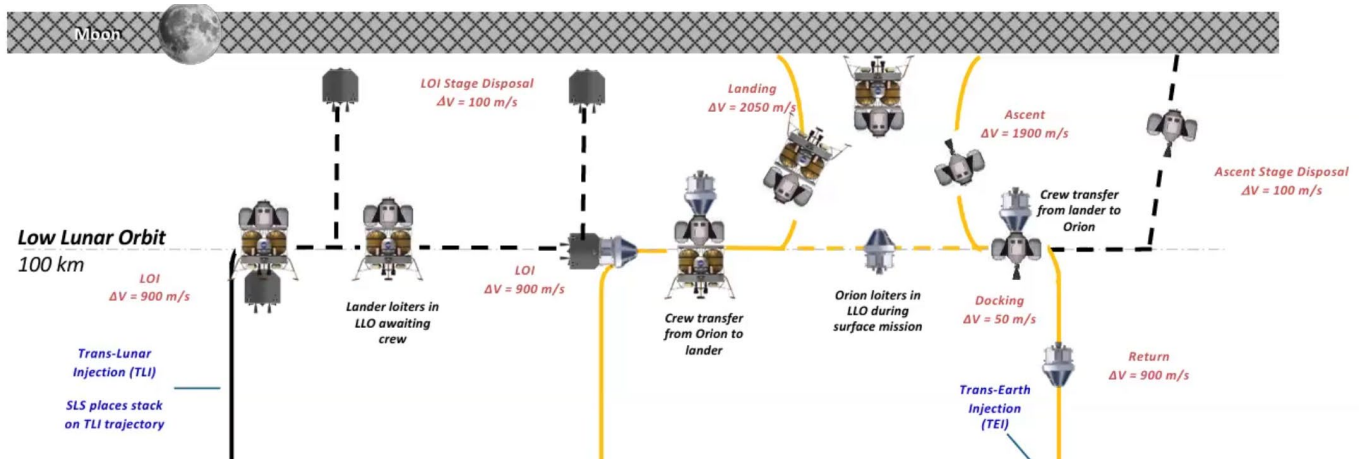


Western and Eastern Ontario
Central Frontier and
New York Section Quebec

Webinar, Tuesday November 19th, 7:00 PM EDT

Michael D. Griffin

Returning Humans to the Moon: How the United States Can Actually Get There Instead of Watching China Do It



On January 17, 2024, Mike Griffin testified before the House Science Committee, advising that the Artemis Program, NASA's effort to return humans to the Moon, "is excessively complex, unrealistically priced, compromises crew safety, poses very high mission risk of completion and is highly unlikely to be completed in a timely manner even if successful...we need to restart it." This lecture will discuss an alternative approach to Artemis using two launches of the SLS Block 2 heavy-lift launch vehicle, one carrying a lunar lander and transfer stage and the other a crewed Orion spacecraft and transfer stage. The two would dock in low lunar orbit to transfer astronauts to the lander, spending up to a week on the surface before returning to Orion for the trip home. Analysis to support this architecture will be presented.

Dr. Michael D. Griffin is the co-founder of LogiQ, Inc., a company providing high end management, scientific, and technical consulting services. He was previously the Under Secretary of Defense for Research and Engineering, and in that role shared responsibility with the Deputy Under Secretary for research, development, and prototyping activities within the Department of Defense. In prior roles he was the Chairman and CEO of Schafer Corporation, the King- MacDonald Professor at University of Alabama in Huntsville, the Administrator of NASA, Space Department Head at the John Hopkins University Applied Physics Laboratory, President of In-Q-Tel, CEO of Magellan Systems, and EVP and General Manager of Orbital ATK's Space Systems Group.

His degrees, honors and awards are too numerous to list here but include the National Academy of Engineering, the International Academy of Astronautics, and Honorary Fellow of AIAA. Among his many awards are the NASA Exceptional Achievement Medal, and he holds seven earned degrees and two honorary doctoral degrees. He is a Certified Flight Instructor with instrument and multiengine ratings, a Registered Professional Engineer, and the lead author of 24 technical papers and the textbook Space Vehicle Design.

Pre-registration is required. Use this link <https://tinyurl.com/y9ccrw24> to register and receive your invitation to attend on the 19th.