



AIAA/AFA/IEEE(AES)/ASME/AOS/IEE Joint Section Meeting

Thursday, June 25, 2015



William Cirillo
Senior Researcher,
NASA Langley Research Center



“Human Spaceflight Activities at NASA Langley Research Center”

Location: Spumante Restaurant
1650 Hempstead Turnpike
East Meadow, NY 11554

Time: 6:00 PM Social Time
6:30 PM Dinner
7:15 PM Presentation

Dinner: \$30, Members and Guests
\$10, Students

RESERVATIONS REQUIRED
RSVP BY June 23, 2015
to: **David Paris** at
davidsparis@optonline.net
or (516) 458-8593

Over the past twenty-five years, the Systems Analysis and Concepts Directorate (SACD) at the NASA Langley Research Center in Hampton, Virginia has directly supported all of the major human spaceflight design and development activities within NASA. Today, SACD works directly with the Human Spaceflight Architecture Team (HAT) lead by the Human Exploration and Operations Mission Directorate (HEOMD) at NASA Headquarters to define and assess potential system and architecture level options for expanding human presence beyond Low Earth Orbit. Mr. Cirillo will provide an overview of current NASA human exploration activities supported by SACD including human Lunar and Mars exploration architectures, the recently defined Asteroid Redirect Robotic Mission, and on-going planning activities with our International Partners.

Mr. William Cirillo currently serves as a Senior Researcher at NASA Langley Research Center in Hampton, Virginia, where he has worked for the past 25 years in the area of Human Space Exploration Systems Analysis. He has contributed to studies of the Space Shuttle, International Space Station (ISS), and Human Exploration beyond low Earth orbit. In 2005, Mr. Cirillo served at NASA Headquarters as a core member of the Exploration Systems Architecture Study (ESAS) team, where he was responsible for studying the use of Ares I/Orion in meeting future ISS crew and logistics transportation needs. Mr. Cirillo currently leads a team of analysts in assessing, at a strategic and tactical level, the manifesting of assembly and logistics flights for human exploration beyond low Earth orbit.

Directions: Spumante Restaurant is on the south side of Hempstead Turnpike ¼ mile East of Meadowbrook Parkway Exit M5 (Hempstead Turnpike) and 1/8 mile east of Merrick Avenue.