Dr. Michael Vernoy
Northrop Grumman

The James Webb Telescope

The James Webb Space Telescope is NASA’s next flagship astrophysics observatory. The Webb Telescope is being built to study multiple phases in cosmic evolution. Among its goals is the study of the Universe’s first stars. To image these faint and distant objects, Webb was optimized to observe in the infrared. Observing in the infrared was the fundamental guiding principle in Webb’s design and influenced both the overall system architecture as well as its constituent materials. This talk will discuss how Webb’s mission influenced material selection and how these selected materials were determined to be mission-compatible.

Dr. Michael Vernoy is the Parts, Materials, and Processes Manager for the James Webb Space Telescope at Northrop Grumman where he is responsible for the selection and test of materials, manufacturing processes, and electronic parts. Mike joined Northrop Grumman in 2003 where he worked on multiple programs before joining the JWST team in 2005. Mike received his AB in Physics from Occidental College and his doctorate from the University of California, Irvine.

WHERE:
CSUN – USU East Conference Center
Panorama City Room

TIME:
6:30pm – Social Hour
7:00pm – Presentation

WHEN:
Thursday, September 27th, 2018

COST:
FREE

QUESTIONS:
Eunice Lee
asmsfvchapter@gmail.com
(818) 624-9954

We thank our Sustaining Members and Corporate Sponsors for their support of the 2018/2019 Season.
Specific Directions to the **Panorama City** room.

1. Enter campus from Zelzah on Prairie Street.
2. Purchase parking pass at Booth #3 (If closed the automated teller must be used.)
3. Turn right on Matador Drive (North) pass the athletic field.
4. Turn right in Lot G4. (An automated parking pass teller is in the far north west corner of the lot. It is past the pathway in the far corner (as far as possible in the top left corner of the lot as depicted on the map)
5. You must get to the opposite side of the Student Recreation Center SRC on map.
6. Walk south and around the SRC to the main pathway of the USU plaza. The location is in zone F4.
7. Now use the more detailed University Student Union map.
8. The East Conference Center is next to the Student Recreation Center.
9. The meeting room is on the 1st floor.
10. If you become lost, call my cell phone 818-624-9954 and provide your grid position.