

# The Southern New Jersey Professional Societies

American Institute of Aeronautics and Astronautics (AIAA), Institute of Electrical and Electronics Engineers (IEEE), International Council on Systems Engineering (INCOSE), International Test and Evaluation Association (ITEA), National Society of Black Engineers (NSBE), and the Human Factors Ergonomics Society (HFES)



Presents:

## "The James Webb Space Telescope Mission"

**Dr. Matt Greenhouse, NASA Goddard Space Flight Center**

The James Webb Space Telescope is the scientific successor to the Hubble Space Telescope (HST). It is a cryogenic infrared space observatory with a 25 m<sup>2</sup> aperture telescope that will extend humanities' high angular resolution view of the universe into the infrared spectrum to reveal early epochs of the universe that the HST cannot see. The Webb's science instrument payload includes four cryogenic near-infrared sensors that provide imagery, coronagraphy, and spectroscopy over the near- and mid-infrared spectrum. The JWST is being developed by NASA, in partnership with the European and Canadian Space Agencies, as a general user facility with science observations to be proposed by the international astronomical community in a manner similar to the HST. The Webb's technology development and mission design are complete. Construction, integration and verification testing is underway in all areas of the program. The JWST is on schedule for launch during 2018.

**Wednesday Sep 16, 2015**

Call in your reservations by noon on Tuesday, Sep 15<sup>th</sup>.

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## ***Blue Heron Pines Golf Club***

***550 Country Club Dr, Egg Harbor City, NJ 08215***

***(609) 965-1800 Check their website for directions:***

***[www.blueheronpines.com](http://www.blueheronpines.com)***

**TIME:** Social Time: **6:00 PM**      Dinner: **6:30 PM**      Speaker Approx: **7:45 PM**  
**MENU:** Buffet style dinner  
**COST:** \$17 AIAA/IEEE/INCOSE Members, \$21 ITEA/NSBE/HFES/Guests, \$13 Students

### **Reservations due by noon Tuesday, Sep 15<sup>th</sup>**

Joe Burns	609-485-4654 (W)	<a href="mailto:joseph.f.burns@faa.gov">joseph.f.burns@faa.gov</a>
Mike Konyak	609-485-5655 (W)	<a href="mailto:snj.aiaa@gmail.com">snj.aiaa@gmail.com</a>
Holly Cyrus	609-485-4887 (W)	<a href="mailto:Holly.Cyrus@faa.gov">Holly.Cyrus@faa.gov</a>