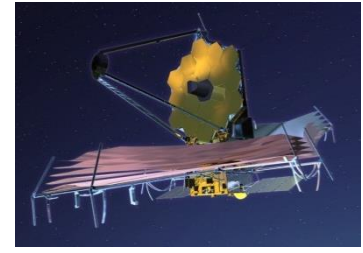


# CALL FOR PAPERS and MEETING ANNOUNCEMENT



The Institute of Environmental Sciences and Technology  
in cooperation with  
**NASA • ASTM • CSA • JHU/APL**  
presents the

## 30<sup>th</sup> Space Simulation Conference

***“Mission Success Through Testing of Critical Challenges”***

**November 5 - 8, 2018**

Annapolis, Maryland

The 30<sup>th</sup> Space Simulation Conference will be held at the DoubleTree Hotel in Annapolis, Maryland November 5<sup>th</sup> through November 8<sup>th</sup>, 2018. The technical sessions are from November 6<sup>th</sup> through November 8<sup>th</sup> and are preceded by tutorials on November 5<sup>th</sup>.

The conference is a major international forum in space hardware environmental testing for research and development and qualification. It provides a unique opportunity for engineers, technicians and scientists from industry, government and academia to present and exchange information and ideas on simulating the space environment to develop and test space mission hardware. The 29<sup>th</sup> Space Simulation Conference is hosted by the Institute of Environmental Sciences and Technology and is co-sponsored by NASA, ASTM, Canadian Space Agency (CSA), and Johns Hopkins University Applied Physics Laboratory (JHU/APL).

**Papers are solicited in the following subject areas:**

- Environmental Testing for Space Applications – Electromagnetic, Structural Dynamic and Space Simulation
- New or Refurbished Facilities
- Novel Testing Requirements and Approaches
- Environmental Testing in Simulated Lunar and Martian Environments
- Combined Environmental Testing – Thermal-Dynamic, Thermal-Deployment, Space Debris and Micrometeoroid Impact
- Molecular Contamination, Outgassing and Effluents
- Data Acquisition and Analysis
- Experimental Heat Transfer and Thermal Coatings for Spacecraft
- Integration of Commercial Practices into Testing
- System Tests and End-to-End Demonstrations

### **Abstract Submission**

- 1) Selection of papers for publication and presentation will be based on submitted abstracts with a maximum length of 250 words briefly outlining the proposed paper.
- 2) A cover letter shall provide the paper title, all authors' names and affiliations; and address, phone number, and E-mail addresses of all authors.
- 3) The abstract should be mailed or E-mailed on or before **March 31<sup>st</sup>, 2018** to the Technical Program Chair:

**Ken Turner**  
**JHU-APL**  
**11100 Johns Hopkins Rd.**  
**Mail Stop 23-382**  
**Laurel, MD. 20723-6099**  
**E-mail: [kenneth.turner@jhuapl.edu](mailto:kenneth.turner@jhuapl.edu)**  
**Phone: (240) 228-9417**

### **Paper Submission**

- 1) The contact author will be notified of paper acceptance by **April 4<sup>th</sup>, 2018**.
- 2) All papers must be unclassified and "ITAR" compliant (employer's approval for release).
- 3) Papers shall be between 6 to 20 pages in length and submitted by **September 26<sup>th</sup>, 2018** (a session chair will contact you with details after paper acceptance)
- 4) An IEST Copyright Form must be submitted by **September 26<sup>th</sup>, 2018** as well in order to have it published on the Conference CD.
- 5) A Power Point presentation of the Paper must be presented during the technical sessions at the Conference in order to be accepted by the conference committee. Power Point presentations are due on **October 15<sup>th</sup>, 2018**.

HOST SOCIETY:  
INSTITUTE OF ENVIRONMENTAL SCIENCES AND TECHNOLOGY