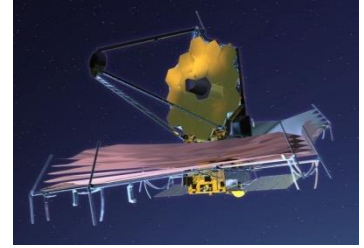




# CALL FOR PAPERS and MEETING ANNOUNCEMENT



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

## 31<sup>st</sup> Space Simulation Conference

***“60 Years and Counting: Providing Excellence in Space Environmental Testing”***

### **October 17 - 20, 2022**

Annapolis, Maryland

The 31<sup>st</sup> Space Simulation Conference will be held at the DoubleTree Hotel in Annapolis, Maryland October 17<sup>th</sup> thru October 20<sup>st</sup>, 2022. The technical sessions are from October 18<sup>th</sup> through October 20<sup>st</sup> and are preceded by tutorials on October 17<sup>th</sup>.

The IEST Space Simulation Conference is a major international bi-annual forum in space hardware environmental testing for research, development, and mission qualification. It provides a unique opportunity for engineers, technicians, and scientists from aerospace industries, government agencies, and academia to present and exchange information and ideas on simulating the space environments and related challenges for the development and testing of space mission hardware. The 31<sup>st</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

#### **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 May 15th, 2022** to the Technical Program Chair:

**Marc Briere**  
JHU-APL  
11100 Johns Hopkins Rd.  
Mail Stop 23-382  
Laurel, MD. 20723-6099  
E-mail: [Marc.Briere@jhuapl.edu](mailto:Marc.Briere@jhuapl.edu)  
Phone: (240) 228-7391

#### **Paper Submission**

- 1) The contact author will be notified of paper acceptance following SSC committee review, as received, and should all be completed by **June 6th, 2022**.
- 2) All papers must be unclassified and "ITAR" compliant (with employer's approval for release). Your session chair will contact you and guide you with format details and due date reminders after your paper acceptance.
- 3) Papers shall be between 6 to 20 pages in length and submitted to your session chair, along with An IEST Copyright Form, by **September 25th, 2022**. Note; the IEST Copyright Form must be submitted to have it published on the Conference CD.
- 4) 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 or before **October 12<sup>th</sup>, 2022**.

HOST SOCIETY:  
INSTITUTE OF ENVIRONMENTAL SCIENCES AND TECHNOLOGY