



# CALL FOR PAPERS

## 2016 NSBE Aerospace Systems Conference

August 24-27, 2016, Arlington, VA, USA

The *NSBE Aerospace Systems Conference* (NSBE ASC) is a biennial forum for dissemination and technical exchange of information on technologies, applications, and developments in aeronautical and space industries or disciplines. It is conducted in even-numbered years by the Space Special Interest Group of the National Society of Black Engineers–Professionals to provide a unique opportunity for networking and technical exchange among professionals and post-graduates and their contemporaries and leaders in the aerospace systems field.

### Location:

The 2016 NSBE ASC will be held at the Renaissance Arlington Capital View Hotel in the Washington, DC metro area, capital of the United States. The Pentagon is just a couple of Metrorail stops from the hotel, with numerous aerospace DOD facilities in the area including Andrews Air Force Base, home of Air Force One. The FAA and NASA Headquarters are both just a few miles from the conference hotel and NASA Goddard Space Flight Center is nearby in southern Maryland. Numerous aerospace corporations are also headquartered in the metropolitan area from northern Virginia, into Washington DC, and into southern Maryland as far as Baltimore, including Northrop Grumman and Lockheed Martin. Dozens of small aerospace businesses support these agencies and companies, making the DC-Baltimore Metropolitan area one of the largest aerospace communities in the United States. NSBE World Headquarters is also a few miles away in Alexandria, VA and the metropolitan area is home to multiple NSBE Professionals Chapters including the DC Metro Professionals, Greenbelt Space Professionals, Baltimore Professionals, and Southern Maryland Professionals chapters. The region is also home to the Smithsonian Air and Space Museum, one of the most famous aerospace museums in the world and part of the largest museum complex in the world.

**Content:** Technical papers are sought that cover aerospace and related topics spanning the aerospace domains listed below. Papers covering theories, methodologies, designs, products, systems and applications are solicited. Desired content includes status, developments, or results of ongoing/recent projects and missions, studies related to planned missions, concepts and technologies related to future missions, as well as important industry initiatives, trends, and program milestones.

- Aerodynamics and Aviation
- Aerospace Simulation & Testing
- Avionics and Software
- Communication and Navigation Technologies for Space Applications
- Cubesat and Smallsat Platforms & Technologies
- National Defense Aviation & Space Systems
- Remote Sensing and Emerging Sensor Technologies for Space
- Robotic Technology and Control Systems for Space Applications
- Space Commerce, Tourism, & Utilization
- Space Exploration
- Space Launch Vehicles & Spaceports
- Space Missions and Technologies – Challenges and Lessons Learned
- Space Research of NSBE
- Space Science
- Systems Engineering

### Important Dates:

**March 10, 2016** Camera ready version of papers for prioritized placement  
**June 30, 2016** Final date for receipt of late paper entries

### Track-Focused Paper Submissions:

Prospective authors are invited to submit **full papers** (6-8 page recommended) related to the technical tracks listed above. Papers will be reviewed by three referees for relevance to the conference tracks, technical merit and content. Accepted papers will be presented at the conference by an author and will appear in the proceedings. Submission instructions and a template of formatting guidelines can be accessed at the conference web site.

**Submission of full papers is online at <https://cmt.research.microsoft.com/ASC2016>.**

For the latest information, please visit <http://asc.nsbe-space.org/2016>.