



Communications Satellite Systems: A Look Back at the First 50 Years and Thoughts on the Next 50
Cleveland, Ohio, October 18 - 20, 2016

The **22nd Ka and Broadband Communications Conference** and the **34th AIAA International Communications Satellite Systems Conference (ICSSC)**, the two most influential technical conferences on satellite systems, will be held jointly in **Cleveland, Ohio, October 18 to 20, 2016**.

The theme of the Joint Conference "**Communications Satellite Systems: A Look Back at the First 50 Years and Thoughts on the Next 50**" emphasizes the vital role of satellites in providing information, entertainment, weather forecasting, travel directions and communications for civilian use, while for governments, satellites provide key functions for civil and military needs, security and public safety, search and rescue operations, tracking of moving vehicles on land and at sea, environmental sensing and monitoring, and disaster assistance. Also, satellites are the only means of achieving a better understanding of our universe and in particular of our galaxy. This search calls for unprecedented communication capacity, now provided by Ka-band satellites and in the future by Q/V and possibly W band satellites.

The Opening Session will present the significant achievements of the satellite industry during the last fifty years and will look at the future, starting with the third generation Ka Band Systems, the proposed LEO global broadband access systems, and NASA's plans for the interplanetary communications.

This Joint Conference will cover these capabilities, propose and discuss new uses, and provide a forum for the exploration of the economic, marketing, technical and regulatory issues affecting these new and planned services.

Events of the Joint Conference to support the above goals are:

- The **Colloquium** (to be held on Monday, October 17, immediately preceding the Joint Conference)
- The **Plenary Opening Session "Communications Satellite Systems: A Look Back at the First Fifty Years and Thoughts on the Next 50"**
- The 14th **BroadSky Workshop**
- The **Third General Assembly of the Aldo Paraboni Experimenters**

Important Dates

Abstract Due: **April 30, 2016**

Notification of Acceptance: **June 15, 2016**

Final Paper Due: **September 1, 2016**

Information & Inquiries should be directed to:

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