

Under the auspices of:



23rd

Ka and Broadband
Communications
Conference



35th

AIAA International
Communications Satellite
Systems Conference
(ICSSC)

2017 Joint Conference *Commercial Space Applications: Transformation, Fusion and Competition* Trieste, Italy • Excelsior Palace Hotel • October 17-19, 2017

The two most influential technical conferences on satellite systems, the **23rd Ka and Broadband Communications Conference** and the **35th AIAA International Communications Satellite Systems Conference (ICSSC)**, will be held jointly in Trieste, Italy, **October 17-19, 2017**, at the Excelsior Palace Hotel.

The Joint Conference will be preceded on **October 16** by the **35th AIAA ICSSC Colloquium on High Throughput Satellite (HTS) Broadband Opportunities: Orbits, Architectures, Spectrum, Interference and Markets**, organized by co-chairs Hector Fenech (Eutelsat, France) and Nader S. Alagha (ESA, The Netherlands).

This year joint conference theme is **Commercial Space Applications: Transformation, Fusion and Competition**. Rapid technology revolution, large scale services integration, new launch options, LEO and GEO constellations competition and the integration of markets are creating a big transformation in satellite systems. Application and services integration are changing technology and market perspectives. The development of sensor systems and high-speed data links for small satellites and drones holds open the promise of a revolution in global

sensing markets. The development of many new LEO systems and small satellites, stratospheric platforms, and GEO systems together with the future exploitation of the new Q/V and possibly W frequency bands are creating a major competitive environment. The 2017 Joint Conference will cover these transformations, propose and discuss new uses, and provide a forum for the exploration of the economic, marketing, technical and regulatory issues affecting these new challenges.

HIGHLIGHTS OF THE WEEK INCLUDE:

- **35th AIAA ICSSC Colloquium.**
- **Plenary Opening Session on Commercial Space Applications: Transformation, Fusion and Competition.**
- **15th BroadSky Workshop.**
- **4th General Assembly of the Aldo Paraboni Experimenters.**

Organized by:



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2017 Joint Conference

Commercial Space Applications: Transformation, Fusion and Competition

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CALL FOR PAPERS

Please consult the Joint Conference web site www.kaconf.org for the Joint Conference Call for Papers, to obtain details on conference topics and abstract and paper submission.

The technical programs of the Ka and Broadband Communications Conference and of the ICSSC will be separately organized. Papers accepted for the Ka and Broadband Communications will be published in the Online Proceedings accessible to all registrants at the Joint Conference web site. Papers accepted for the ICSSC Conference will be published in the AIAA's electronic Library platform and will also be accessible to all Joint Conference registrants. A hard copy **Program** of both the ICSSC and Ka Band Conference, and a **Book of Abstracts** from the Ka Band Conference paper only will be provided to all registered participants at the Registration Desk.

The General Co-Chairs are:

- **Dick Gedney (ACT Co., USA) and Franco Marconicchio (Space Systems Consultant, Italy) for the 23rd Ka and Broadband Communications Conference**
- **Marco Lisi (ESA, The Netherlands) and Denise S. Ponchak (NASA, USA) for the 35th AIAA International Communications Satellite Systems Conference (ICSSC).**

REGISTRATION

The Joint Conference will have a single registration fee that will provide access to both Conferences and all joint Plenary and Social Events.

AUTHOR INSTRUCTIONS

To submit an abstract for consideration, the author must first create an account on the Joint Conference website and follow the posted abstract submission directions.

Each abstract should be submitted **to only one of the two Conferences**. Selection must be made by choosing the desired conference and associated topic during abstract submission.

Detailed information on preparation and submission of abstracts and final papers is available on the Joint Conference web site www.kaconf.org

IMPORTANT DATES

Abstract Deadline: May 10, 2017

Author Notices: June 20, 2017

Manuscript Due Date: September 6, 2017

For more information please visit the Joint Conference web site at www.kaconf.org

Information & Inquiries Should Be Directed to:

- The **Ka Conference Technical Program Co-Chairs** at rtgedney@centurytel.net and at franco.marconicchio@gmail.com
- The **ICSSC Technical Program Contact** at icssc.otung@southwales.ac.uk
- The **Joint Conference Organization** at info@kaconf.org or at organizingcommittee@kaconf.org

