REGISTRATION

To partially offset the cost of the Symposium there will be a registration fee in the order of €80 that will cover admission to the sessions, the symposium digest, a copy of the proceedings published after the symposium, coffee breaks and lunch. All participants are invited to use the Registration Page of the Conference from the Romanian Space Agency (ROSA) Conference System: http://events.rosa-rc.ro/

The payment of the registration fee can be made:
- on line
- by credit card or bank transfer, instructions can be found on the Registration Page
- on-site at the Registration Desk

Participants are advised to indicate their flight details when registering. If your travel arrangements change, please let us know at the following email address: events2013@rosa.ro.

Recent societal remarks, such as the Global Risks World Economic Forum (January 2013), reveal that damage to space-based infrastructure is one of the more esoteric global risks. The lack of broad awareness of the space systems sector has been emphasized by the European Commission proposal for a Decision of the European Parliament and of the Council (February 2013) for the establishment of a space surveillance and tracking support program, and by NATO as well.

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Call for Papers

2nd IAA Conference on Space Systems as Critical Infrastructure
August 29-30, 2013
Mamaia, Black Sea, Romania

How much do we depend on satellites to support our most critical infrastructure and to live modern and mobile lives?

Romanian Space Agency
&
International Academy of Astronautics
OBJECTIVES
Space-based systems enable a wide spectrum of applications which play a fundamental role in our everyday life (TV, Internet or geopositioning), help ensure our security, and are critical to key areas of the economy. Space-based applications together with derived services and space research have become critical for the implementation of both EU and worldwide policies, such as environment, climate change, maritime policies, development, agriculture, security related policies, as well as the furthering of technical progress and industrial innovation and competitiveness.

With increasing dependence on space-based services, the ability to protect space infrastructure has become essential to our society. Any shutdown of even a part of space infrastructures could have significant consequences for the well-functioning of economic activities and our citizens’ safety, and would impair the provision of emergency services.

The main objective of the symposium is to generate a frame to:
- estimate the critical dependence of basic Earth activities, as basic infrastructures and life, on the functioning of space systems;
- evaluate vulnerabilities of space systems against natural and terrorist threats;
- generate the quantitative approach to produce recommendations for space agencies and political stakeholders regarding actual utilization and future needs of critical space systems.

Areas of interest include, but are not limited to:
- dependency of space critical infrastructure on external threats: space weather, atmosphere, natural cosmic debris, artificial space debris, natural terrestrial debris
- dependency of space critical infrastructure on internal threats: electronic interference, laser attack on satellite sensors destruction, electromagnetic pulse from a nuclear explosion, cyber attacks
- Case studies on telecommunications, global positioning systems & Earth observation

The official language will be English.

SCHEDULE
July 1, 2013 Call for Papers
July 25, 2013 Abstracts Due
August 10, 2013 Notification to authors
August 15, 2013 Final Announcement
August 20, 2013 Final paper due (max. 8 pag)
August 29 - 30, 2013 2nd Conference
November 2014 Proceedings

CALL FOR PAPERS
You are invited to contribute a paper for presentation at the symposium. A one-page, single-spaced abstract of no less than 300 and no more than 500 words, must be received by July 25, 2013.

Abstracts should be in English and should include the symposium topic addressed, the problem explored, the methodology used, results and conclusions.
Send your abstract by e-mail to: conference@iaamail.org

TRAVEL & TRANSPORTATION
Transportation service will be provided from Henri Coanda International Airport to the venue and back (230 km, approx. 3h by car) on a schedule that will be available for the registered participants.

For any individual request or further information regarding transportation details please send an email to events2013@rosa.ro

ACCOMODATION INFORMATION
Venue: Hotel Golden Tulip Mamaia
Constanta, code 900001, Romania
Phone: 0040-341 446 732
Fax: 0040-341 446 731
Email: reservations@goldentulipmamaia.com
Website: www.goldentulipmamaia.com

Participants are invited to fill in the hotel reservation form that can be found on the Registration Page.