2nd IAA Conference on Space Systems as Critical Infrastructure

29-30 August 2013, Jupiter Hall, Hotel Golden Tulip Mamaia, Black Sea, Romania

Thursday 29.08.2013

09:30  Registration

10:00-10:15 Welcoming remarks: Sorin Ençuțescu, State Advisor, Advisor to the Prime Minister of Romania

10:15-12:30  Session 1: Space Systems as Critical Infrastructure
Moderator: Marius-Ioan Piso, ROSA

- IAA Study Group Status Report


- Discussions

13:00-14:30  Lunch – Restaurant H. Golden Tulip

14:30-16:30  Session 2: Technical contributions
Moderator: Liviu Muresan, EURISC

14:30-14:45  The Romanian Legislation for the Protection of Critical Infrastructure – Cosmin Nistor, ROSA

14:45-15:00  Improving data protection for Earth satellite station networks – Dan Fostea, METRA

15:00-15:15  The Development of a Propulsion System for Small Satellites in LEO missions - P. Surmacz, G. Rarata and P. Wolański, Institute of Aviation, Poland

15:15-15:30  Space Based Information as Complementary Tool for Evaluation of Vulnerable Hydraulic Works – Alexandru Badea, ROSA

15:30-15:45  The experience of the SPARC (Space Awareness for Critical Infrastructures) in the protection of European critical infrastructure – Roberto Scagnoli, RARTEL SA

15:45-16:00  Big Data from Space: the prospect of Data Mining – Mihai Datcu, DLR
16:00-16:15  The SSA Program and its impact on space critical infrastructure – *Mircea Cernat, METRA*

16:15-16:30  Laser Accelerated Particles in Filamentary Plasmas for Testing of Radiation Hardened Satellite Equipment by Using High-Power Laser Infrastructures – *Mihai Ganciu, INFLPR*

16:30-16:45  IGMASS Project and Protection of Space Infrastructure - *Anatoly N. Perminov, IAA, poster presentation*

16:45-17:00  Coffee Break

**17:00-18:30**  **Special Session:** Launchers for small payloads in LEO – IAA moderated bilateral Romanian-Poland proposal

20:00  Dinner offered by ROSA

Friday 30.08.2013

**09:30- 12:00 Round Table** – Critical Infrastructure, Space Security and Business  
*Moderator: Dumitru Dorin Prunariu, ROSA*

13:00-14:30  Lunch – *Restaurant H. Golden Tulip*