



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 Encuțescu, 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
- CRITSYS – A Romanian Project for Space Systems as Critical Infrastructure. Phase I Overview – *Iulia Jivanescu, ROSA & Alexandru Georgescu, EURISC*
- 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*