

HIGH TECH SMALL SAT MISSIONS



Registration by April 30, 2011 at
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with the
contribution of



HIGH TECH SMALL SAT MISSIONS

New operational concepts,
innovative manufacturing
and air-launched platforms

Rome, May 5-6, 2011
CENTER FOR HIGH DEFENCE STUDIES
P.zza della Rovere, 83



PROGRAM MAY 5

08.30 Registration of participants

09.00 Welcome

- Adm. **Marcantonio Trevisani**, *CASD President*
- Lt. Gen. AF (ret) **Gianbortolo Parisi**,
AAA National President

Introduction: **The Need and the Opportunity:
a Vision on Small Sat Missions**
(Chair: Lt. Gen. N. Cardinali, CESMA Director
Prof. P. Gaudenzi, University of Rome "La Sapienza")

Mr. Remo Pertica,
*President of IT Industry Federation for Aerospace,
Defence and Security*

Mr. Enrico Saggese,
President of Italian Space Agency

Lt. Gen AF Giuseppe Marani,
ITAF Logistic Commander

Prof. Luigi Frati,
Chancellor of the University of Rome "La Sapienza"

The Hon. Mrs Mariastella Gelmini,
*Minister of Education, Universities and Research
(invited, TBC)*

10.00 New Missions and Operational Concepts

(Chair: Hon. Mr. M. Airaghi, Counselor of Minister of
Defence for Aerospace Activities
Lt. Gen. T. Tosi, AF Operational Commander)

- ITAF Operational Concept - *Gen. G. Fantuzzi, Airstaff*,
- The Vision of Thales Alenia Space - *M. Di Lazzaro,
Thales Alenia Space*
- Rapid Satellite Deployment - *F. Depasquale, ELV*

11.00 - 11.30 Coffee break

- The Italian Innovative Approach for Small Platforms
C. Contini, Carlo Gavazzi Space
- The Market of Small Satellites - *R. Villain, Euroconsult*
- The Integration of Radar Data - *M. Maranesi, Telespazio*
- The Logic of Microspace - *R. Fleeter, Brown University*

13.00 Address of the Minister of Defence,
the Hon. Mr. Ignazio La Russa (TBC)

13.30 Lunch break

15.00 Technological Challenges

(Chair: L. Pasquali, Thales Alenia Space Italia;
Adm. O. Flagiello, SGD/NAD)

- Plug and Play Technologies
F. Bruhn, AAC Microtec
- New Technologies
L. Mazzini, Thales Alenia Space
- Miniaturization in Optical Payloads
D. Labate, Selex Galileo
- Distributed Satellite Constellations for Situational
Awareness
O. Hawkings, SSTL
- Innovative Space Launch Systems
Prof. M. Onofri, Univ. of Rome "La Sapienza"

16.30 Forum on Missions and Technology

(Chair: Gen. N. Cardinali, Prof. P. Gaudenzi)
Round Table with ASAS, AIPAS, AIAD, ASI, AIDAA, SGD

18.00 Address of the Minister of Defence,
the Hon. Mr. Ignazio La Russa (TBC)

PROGRAM MAY 6

09.00 Introduction of the Second Day
(Chair: Gen. N. Cardinali, Prof. P. Gaudenzi)

09.30 New Launching Strategies

(Lt. Gen. AF D. Esposito, Director General Directorate of Air
Armaments - B. Ancarola, Scientific Counselor of Minister
of Education, Universities and Research)

- Air Platform and Missile Integration Challenge
M. Rosati, MBDA / Ing. A. Gatti, Alenia Aeronautica
- The Potentialities of a Cargo Carrier
M. Balduccini, AVIO
- ESA Views - (TBC)
- Air-Launch of Minisatellites and Cubesat
Prof. P. Teofilatto, Univ. of Rome "La Sapienza"
- USAF Experience - (TBC)
- The Experience of Space-X (TBC)
- International Co-operation of Italian MOD
Col. L. Bianchi, CASD

11.30 Coffee break

12.00 Summary of the workshop
(Chair: Gen. N. Cardinali, Prof. P. Gaudenzi)

12.30 Conclusion

- Secretary General of Defence/NDA,
Lt. Gen. AF Claudio Debertolis
- Undersecretary of Defence,
the Hon. Mr. Guido Crosetto

