



European Seminar on “Technologies from Space Exploration”
Hosted by ALTEC - Corso Marche 79, Torino (I)
2011 October 18th-19th

Scope of the Seminar: awareness rising of the benefits for the European citizens through Space Exploration programs and involved technologies.

18 October 2011, 14:00 h

Political Session

I. Welcome addresses

Introductory remarks by ALTEC **C. Romanelli**, Italian Presidency of the Council of Ministers **A. Giordani**, host Piedmont Region **M. Giordano**, NEREUS **A. Cavalli**, Turin Municipality **P. Fassino** (TBC), Committee of the Regions (CoR) **M. Bresso**, European Chamber of Commerce **A. Barberis**, ESA - European Space Agency **G. Morsillo**, ASI - Italian Space Agency **E. Saggese** (TBC)

15:15 – 15:45h *Coffee Break (sponsored by Nereus)*

II. Round table on Vision and Strategies for Space Exploration in Europe (moderated by G. Caprara)

Views of the European Commission (EC) **A. Gonzalez**, European Space Agency (ESA) **I. Duvaux-Bechon**, National Space Agencies: ASI (TBD), CNES **R. Bonneville**, UKSA **M. Chahal** and Industry representatives: Eurospace **J.J. Tortora**, SME4SPACE **G. Sylos Labini**

18:15 h *Adjourn*

Social event in Torino at ALTEC, with a speech given by P. Nespoli - European Astronaut

19 October 2011, 08:30 h

Technical Session

Introduced by NEREUS **R. Ayazi**

I. Regional user needs with respect to space exploration

Interests and expectations of NEREUS Regions, aerospace districts and local clusters: Piedmont Aerospace District **M. Calderini**, Midlans Aerospace Alliance **T. Maskell**, Aerospace Valley **M. Pere**, Lombardy Aerospace Cluster (TBC), Freie Hansestadt Bremen **T. Vögele**

II. Direct outcomes from exploration technologies

Experiences and perspectives of Industry, Research Centers and Academia: Thales Alenia Space **L. Gatti**, Politecnico di Milano **M. Lavagna**, CISAS Università di Padova **P. Benvenuti**, Leicester University SRC **G. Fraser**

10:30 – 11:00 h *Coffee Break (sponsored by Thales Alenia Space)*

Introduced by ESA **G. Boerci**

III. Indirect results and technology spin-offs from space exploration

Experiences and perspectives of Industry, including SMEs: **MARISSA Project** by SP.A.I.C. srl, **Mini Gamma Ray Camera** by Leicester University, **Innovative Optical Materials for the developments of Diffractive and Holographic Devices** by Antares Scarl, **HIT09 srl project**, **RiskNat** by Thales Alenia Space

IV. Attracting potential end-user and young generation (Exploratoria)

Presentations from already existing space exploration centers and their plans for the future: Infini-TO and others by CIFS on behalf of Piedmont Region **A. Ferrari**, National Space Centre (East Midlans) **C. Bishop**, Cité de l'espace (Midi-Pyrénées) **J.B. Desbois**, Volandia and others by CGS on behalf of Lombardia Region **F. Mailland**

13:00h *Conclusions and perspectives by the WG Chair* P. Messidoro

13:30h *End of Seminar*

Tour of ALTEC and Thales Alenia Space facilities (for who is interested in)

Seminar Secretariat: Ms **Patrizia Bruno**

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