



2° International Symposium: Hypersonic Flight. From 100,000 to 400.000 ft

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Director

Roma, 30 June-1 July 2016

01/07/16

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What is CESMA?

The Center for Studies on Military Aerospace of the Italian Air Force Association:

- Is an authoritative Think Tank which deals with disciplines and issues related with the domain of Aeronautics, Space and High Technology (included dual use);
- Disseminates information and provides food for thought to Public and Private Decision Makers



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CESMA Vision

*To be recognized worldwide as a value provider
for Italy and for its Stakeholders within the
domain of Aeronautics, Space and High
Technology,*



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The CESMA Community

- The participants in the CESMA community are
- Personnel of:
 - *The Italian Air Force,*
 - *The Air Components of the other Italian Military
an Civil Services;*
 - *The Aerospace Companies, including SMEs and
Aerospace Operators;*



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The CESMA Community (2)

- *Universities*
- *Research Organizations*
- *National and EU Institutions*

- All the people who are intellectually attracted by the Aerospace World



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CESMA Activity on Hipersonic Flight

- 2012: The CESMA Technical-Scientific Committee recognized the strategic importance of Hypersonic Flight;
- July 2014: The 1° International Symposium was organized in Rome: among the conclusions the existence was confirmed of many entities interested in the subject and already engaged in important Study and Research work;



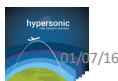
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CESMA Activity on Hipersonic Flight (2)

- September 2014: based on the conclusions of the 1° Symposium, a CESMA Study Group was established with the aim to:
 - Improve the cohesion among the Italian Stakeholders;
 - Perform a stoktake of the national competences and capabilities and make them well kown worldwide;



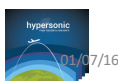
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CESMA Activity on Hipersonic Flight (3)

- Aquire a better knowledge of what is happening worldwide;



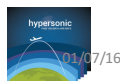
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CESMA Activity on Hipersonic Flight (4)

- 30 June-1 July 2016: 2° International Symposium on Hypersonic Flight is organized with the same aims mentioned above and, in addition,
 - To inspire and facilitate possible cooperation initiatives among Italian, and European and International Actors .



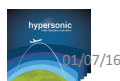
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CESMA Hypersonic Stakeholders

Aero Sekur, Agenzia Spaziale Italiana, ALENIA
AERMACCHI, ALTEC, Associazione Italiana di
Aeronautica ed Astronautica , AVIO SpA,
AVIOSPACE, Centro Italiano di Ricerche
Aerospaziali, Cluster Tecnologico Nazionale
Aerospaziale, Distretto Aerospaziale della
Sardegna,



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CESMA Hypersonic Stakeholders (2)

Distretto Aerospaziale Piemontese, Distretto Tecnologico Aerospaziale della Campania, Distretto Tecnologico Aerospaziale della Puglia, Ente Nazionale di Assistenza al Volo, Ente Nazionale per l'Aviazione Civile, Leaf Space, Politecnico di Bari, Politecnico di Milano, Politecnico di Torino,



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CESMA Hypersonic Stakeholders (3)

Segretariato Generale della Difesa, Stato Maggiore dell'Aeronautica, Stato Maggiore della Difesa, Thales Alenia Space-Italia, Università Sapienza di Roma, Università Federico II di Napoli.



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AKNLEDGEMENTS

- **Patronage of:** Italian Defence Staff, Italian Space Agency, ENAC (Italian Civil Aviation Authority), ENAV (Italian Air Traffic Control Agency);
- **Support by:** Italian Air Force Staff, MBDA, Thales Alenia Space;
- **Media Partners:** AIRRPRESS, AOS



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Many Thanks for being
here and
for making this
Symposium a Success



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