



ASSOCIAZIONE
ARMA AERONAUTICA

CESMA

Centro Studi Militari Aeronautici
Giulio Douhet



SEZIONE ROMA DUE
LUIGI BROGLIO
ASSOCIAZIONE ARMA AERONAUTICA

hypersonic

From 100.000 to 400.000 ft

3rd
International Symposium
on Hypersonic Flight

Air Force Academy
Pozzuoli (Italy), May 30-31, 2019

LT Gen (r) Pietro Finocchio



"The Center of Aeronautical Military Studies "

CESMA

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The CeSMA pursues the objective of carrying out studies on aeronautical problems, in their many aspects both national and international, with particular reference to those of a military or dual nature in their political, doctrinal, operational and technical aspects in order to:

- **develop aviation military thinking in relation to the continuous technological progress of the aircrafts and related ground environment;**
- **to contribute with the Italian Air Force to update its staff on the main trends in this sector;**
- **give rise to a sensitivity to these issues within civil society by creating synergies between the the military world, the culture, the political, the academic and the industrial world;**
- **Help the members of the Air Force Association (association of Air Force retirees and supporters) not to lose contact with the aeronautical reality in its continuous evolution;**

- **to promote the creation and dissemination of information in the relevant sector, both through paper publications and through IT and audiovisual channels;**
- **organize various research and cultural activities including debates, seminars, conferences and study groups on aspects of aeronautical and space issues identified by the same CeSMA or suggested by the Italian Air Force, by other institutional bodies or agencies interested in aeronautics and space**

To achieve the objectives, the CeSMA:

- makes use of the work and contribution of thought of the Air Force Members in service and retired, of experts from the academic world and from the national industry;
- maintains relations of collaboration with Institutions and Centers for Studies and Research in Italy and abroad, with the press organs, in particular with those specialized in the sector.

ACTIVE Working groups:

- 1. HYSTORY**
- 2. AIR POWER**
- 3. RPV**
- 4. HYPERSONIC FLIGHT**
- 5. AEROSPACE POLICY and TECHNOLOGY**
- 6. MILITARY POLICY**
- 7. MARKETING & BUSINESS**
- 8. FLIGHT & ART**
- 9. CYBER SECURITY**
- 10. ENERGY**

Events to be held in 2019:

“3° International Symposium on Hypersonic Flight”

“Metamaterials”

“Artificial intelligence”

“Space tourism”

“The future of the European fighter jet industry”

“Italian contribution to Mars mission: water discovery and characterization of Mars ionosphere”

“The International Flight Training School in Italy”

“ Men and Robots: The new technology frontiers”

“Seventy years of NATO: past, present and future”



Thank you for the attention

PUBLICATIONS:

RPV development (published)

Cyber Security (published)

ELO eBook (published)

Hybrid Cyber Warfare (published)

Hypersonic (published)

BEING PUBLISHED:

“Air defence in the Second World War”

“Francesco Baracca biography”

“FLIGHT & ART”

“Radar Evolution: the Italian Academic Contribution”