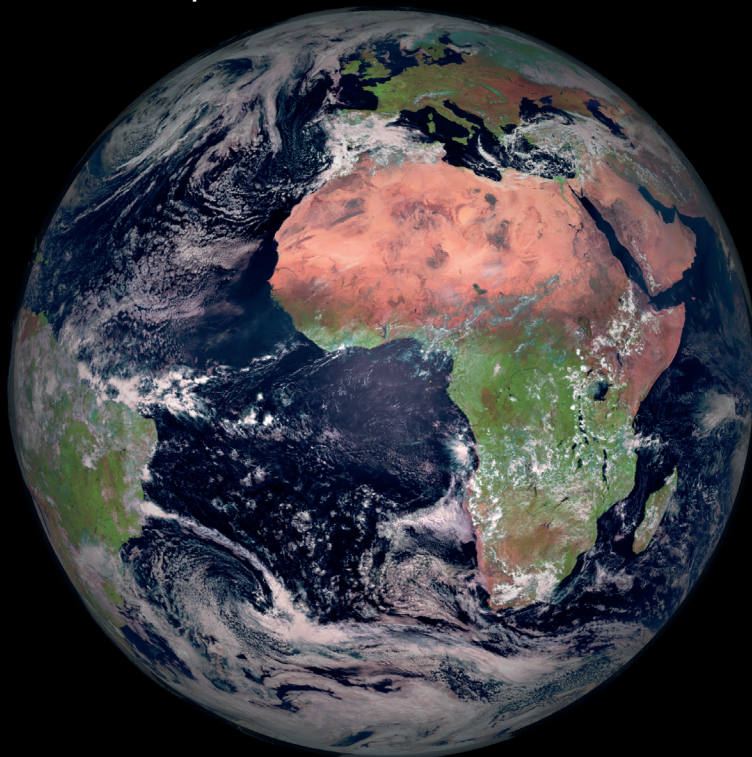


ITALY AND AUSTRALIA PARTNERING IN SPACE TECHNOLOGY

14th Australian Space Forum



The SpIRIT nano-satellite, an Australia-Italy partnership featuring world-first technology, is the most ambitious Australian civil space mission in decades. Let's keep innovating together! The Italian space industry covers the whole space supply chain with excellent results in all application sectors, also thanks to the academic and research community and the support of the Italian government and the Italian Space Agency.





ITA - ITALIAN TRADE AGENCY

www.ice.it/en

The Italian Trade Agency is the governmental agency that promotes Made in Italy throughout the world, supporting the growth of Italian companies abroad and contributing to the attraction of foreign investments to Italy.



ASI - ITALIAN SPACE AGENCY

www.asi.it/en

The Italian Space Agency is a national public body and established itself as one of the most important global stakeholders of space science and satellite technologies, playing a leading role both at a European level, where Italy is the third major contributor to the European Space Agency, and at a global level.



ALTEC

www.altecspace.it

ALTEC's vision aims to enable a sustainable permanence of man in space, an objective implemented through maintaining leadership on human activities in LEO, obtaining central roles in Moon human exploration, consolidating the centrality of its Rover Operations Control Centre for future Martian and lunar exploration, and empowering its own data processing capacity using AI and Data Mining.



e-GEOS

www.e-geos.it/en

e-GEOS, an ASI/Telespazio company, is a leader in providing innovative geoinformation services and platforms based on AI and cloud technology. It is the exclusive distributor of COSMO-SkyMed and operates the Italian Civilian User Ground Segment at the Matera Space Centre. Specialisations include geoinformation solutions for sectors such as defence and intelligence, agriculture, emergency management, land and infrastructure monitoring, maritime and land surveillance services.



GUARNIFLON

www.guarniflon.com/en

The European leading producer of fluoro-based products for a range of industrial applications. Among the materials processed at the Italian HQ, ETFE, FEP and PTFE high-performance films are offered, in a wide range of sizes and thicknesses, as release films for the production of composite material products. The Aerospace industry makes great use of carbon fibre components for the extremely lightweight and unique mechanical properties of those parts.



INGENIARS

www.ingeniars.com

IngeniArs specialises in the design/development of innovative high-tech electronic/informatics systems for Space, AI, Healthcare and Cybersecurity. The team can manage the full lifecycle of electronics, microelectronics, embedded systems, smart sensors and web applications/services. IngeniArs is a Microchip Design Partner, Xilinx Certified Partner, CCSDS Associate Member and part of the NVIDIA Inception Partnership Program. ISO 9001:2015 and ISO 13485:2016 certified.



LEONARDO

www.leonardo.com/en

Leonardo, a key player in the European Space Industry, has been present in Space programs since the conceptualisation phase in the 1960s and leverages its unique expertise to develop and produce Electro-Optical payloads and Lasers for Scientific research and Earth Observation, Atomic Clocks for Navigation, Robotics space arms, Space Drills, Solar Panels, Attitude Sensors and Power Electronics.



OFFICINA STELLARE

www.officinastellare.com

Officina Stellare is a leader in the design, development and delivery of complex optomechanical systems and instrumentation for Ground and Space-based applications. It operates as a vertical integrator where precise, state-of-the-art designing, manufacturing, integration and testing are performed in-house with granular accuracy.



STELLAR PROJECT

www.stellarproject.space

Stellar Project develops laser communication systems, offering game-changing solutions that impact business needs. In 2021 Stellar Project launched LaserCube, a family of patented laser communication terminals compatible with CubeSat standards and designed for DL and ISL applications. LaserCube will deliver an unprecedented increase in data volume, communication security and speed, enabling optical telecommunication highway for small satellites.



T4i - TECHNOLOGY FOR PROPULSION & INNOVATION

www.t4innovation.com

T4i, an established rocket company born in 2014, develops both customised propulsion solutions based on customers' requirements and complete space products up to TRL9, focusing on electrical, chemical, and cold gas propulsion systems to cover different in-space applications for small satellites and chemical propulsion systems for launchers applications.



THALES ALENIA SPACE

www.thalesaleniaspace.com

Thales Alenia Space is a Joint Venture between Thales (67%) and Leonardo (33%). Combining 40 years of experience and a unique diversity of expertise, talents and cultures, Thales Alenia Space designs and delivers high-technology solutions for telecommunications, navigation, Earth Observation, environmental management, exploration, science and orbital infrastructures.



TYVAK INTERNATIONAL

www.tyvak.eu

Tyvak, a Terran Orbital Corporation, is transforming access to space by providing end-to-end, cost-effective space systems using agile aerospace processes and accelerating on-orbit success. We specialise in spacecraft development, launch services and on-orbit operations to deliver satellites for critical missions across several applications in LEO, GEO and beyond Earth orbit, as well as vehicle classes, including nanosatellites and microsatellites.



SYDNEY

Level 19, 44 Market Street
Sydney 2000 NSW
Tel: +61 2 9299 9954
sydney@ice.it



www.ice.it/en



ITA – Italian Trade Agency – Sydney



@ITASydney