



FOSTERING COLLABORATION BETWEEN ITALY AND AUSTRALIA

ITA - Italian Trade Agency is partnering with the **Embassy of Italy in Canberra**, the **Italian Chamber of Commerce in Sydney**, and **ASI - Italian Space Agency** to showcase some key Italian space sector players and foster collaboration between Australia and the well-established Italian space ecosystem.

12th Australian Space Forum
15 September 2021, Adelaide



ASI - ITALIAN SPACE AGENCY
www.asi.it/en

The Italian Space Agency is a national public body steered and supported by the Interministerial Committee for Space and Aerospace Policies. The Agency 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.



ALMA SISTEMI
www.alma-sistemi.com

ALMA Sistemi provides services in project and bid management, business development, market analysis, system and software engineering. Their activities span from international research & technology development projects to industrial projects covering added value services in the space market, with special reference to Earth observation, navigation applications, electrical and mechanical ground support equipment for satellites and payloads.



ALTEC
www.altecspace.it

ALTEC - Aerospace Logistics Technology Engineering Company is an Italian centre of excellence for the provision of engineering and logistics services to support operations and utilisation of the International Space Station and the development and implementation of planetary exploration missions. ALTEC services range from engineering, logistics and training of astronauts, to experiments in biomedicine and processing of scientific data.



ASTRA
www.astraspacespace.it

Astra specialises in the design and manufacturing of heat flux and temperature probes for aerospace and energy fields. The main space applications are atmospheric re-entry and thermal protection systems. As far as aeronautical applications are concerned, Astra's focus is on anti-icing and de-icing systems for small aircrafts.



CATE
www.cate.it

Cate designs and manufactures turnkey test stands – robust, technologically advanced and highly reliable for static, dynamic and fatigue tests, hydraulic tests, component tests and pressure tests. Specialties include test benches, inspections, management and control software for components in the aerospace sector.



CBL ELECTRONICS
www.cblelectronics.com

An electronic design engineering company focused on avionics, space, defence and naval markets. CBL can manage the complete workflow from specification acquisition to product manufacturing and testing, with built-to-print, built-to-specification and R&D capabilities. Their staff is highly specialised and aims to establish WIN-WIN partnerships, finding state-of-the-art solutions to deliver design and manufacturing of HW/SW, test systems, boards or complex systems debug.



D-ORBIT
www.dorbit.space

D-Orbit specialises in space logistics and transportation services with a track record of space-proven technologies and successful missions. It is the first company addressing the logistics needs of the space market. Their ION Satellite Carrier is a space vehicle that can transport satellites in orbit and release them individually into distinct orbital slots, reducing the time from launch to operations by up to 85% and the launch costs of an entire satellite constellation by up to 40%.



e-GEOS
www.e-geos.it

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 Center. Specialisations include geo-information solutions for sectors such as defense and intelligence, agriculture, emergency management, land and infrastructure monitoring, maritime and land surveillance services.



EICAS AUTOMAZIONE S.p.A.
www.eicas.it

EICAS has a long heritage in the field of attitude determination from star measurement. Starting from the experience gained in the HIPPARCOS mission, many Autonomous Attitude Determination Systems (AADS) have been designed and validated under ESA/ASI contracts, moving from mono-head to multi-head and multicamera configuration. More recently EICAS has finalised a new concept of multicamera system powerful and low cost, based on sophisticated in-flight auto-calibration techniques.



EURO.SOFT
www.eurosoftsrl.eu

Euro.Soft has more than 20 years of experience in the design, prototyping and manufacturing of both hardware and software. The small but dynamic workgroup has skills related to SW-HW design in terrestrial and space environments and operates mainly in: space software and electronics systems; E-GSE, M-GSE and data acquisition equipment; NavSat & TLC applications; Earth observation; ground systems – astrophysics (telescopes) and antennas.



GP ADVANCED PROJECTS
www.gpadvancedprojects.com

GP Advanced Projects is an Italian space start-up founded in 2013 that offers consulting, management support and innovative satellite solutions to space and non-space companies. Thanks to its management background and product experience, the company can offer its clients a customised combination of products and services based on their needs.



INGENIARS
www.ingeniars.com

IngeniArs is specialised in the design and development of innovative high-tech hardware and embedded systems in the domains of aerospace, AI, healthcare and cyber security. For aerospace, they offer IP-Core, test-equipment/software and design/verification services both for satellite design and ground testing mainly related to data handling, high-speed data interfaces and satellite communication.



NABRAWAVE
www.nabrawave.com

Nablawave is an engineering company with a focus on aerospace, in particular, turbine engine simulation, helicopter modelling and rocket propulsion. They can provide simple, low-cost solutions in the following: customised engineering modelling software; design and aerodynamic/structural optimisation of aircraft components; fluid-dynamic and structural analyses; analysis of turbomachinery and engine performance for aircraft and helicopter applications; combustion analyses.



OFFICINA STELLARE
www.officinastellare.com

Officina Stellare focuses on the design and manufacture of complex opto-mechanical and aerospace instrumentation for ground and space-based applications. Thanks to an engineering team, an optical manufacturing lab and a skilled AIV team working with state-of-the-art technologies, the full production cycle is kept in-house with remarkable cost savings for the end-users.



T4i - TECHNOLOGY FOR PROPULSION & INNOVATION
www.t4innovation.com

T4i develops complete space products and customised propulsion solutions based on customers' requirements up to TRL9, focusing on electrical, chemical, and cold gas propulsion systems to cover several in-space applications for small satellite platforms (e.g. proximity maneuvers, orbit raising, decommissioning, station keeping, and relative satellite position maintenance) and chemical propulsion systems for micro-launchers applications.



THALES ALENIA SPACE
www.thalesaleniaspace.com

Thales Alenia Space delivers cost-effective solutions for telecommunications, navigation, Earth observation, environmental management, exploration, science and orbital infrastructures. Customers count on Thales Alenia Space to design satellite-based systems that monitor our planet, enhance management of its resources, and explore our solar system and beyond. A joint venture between Thales and Leonardo, Thales Alenia Space also teams up with Telespazio to form their Space Alliance.



TYVAK INTERNATIONAL
www.tyvak.eu

Tyvak International represents the most advanced and vertically integrated offering in the market of small space vehicle products and services. The proprietary technology and know-how, based upon the continuous progress in the miniaturisation of semiconductors, enable the development, design and commercialisation of small satellite platforms faster and more cheaply.