

DISCOVER THE MEMBERS OF THE PARTNERS CLUB OF THE VAN ALLEN FOUNDATION



THE VAN ALLEN FOUNDATION PARTNERS' CLUB ALLOWS COMPANIES TO JOIN AN ACTIVE NETWORK FOCUSED ON NANOSATELLITES. IT **SUPPORTS THE SPACE CENTER OF THE UNIVERSITY OF MONTPELLIER (CSUM)**. YOU CAN JOIN US BY BECOMING A DONOR OF THE FOUNDATION. THE FINANCIAL CONTRIBUTION REQUIRED TO BECOME A MEMBER IS BASED ON YOUR TURNOVER.



MAP OF THE MEMBERS OF THE VAN ALLEN FOUNDATION PARTNERS CLUB'S

Paris area

Aspec
Beming Group
ION-X
Nanoxplore
Nuclétudes
Ride!
SDR Technologies
Sodern

Cahors

Airconexx

Le Haillan

HypSpace

Toulouse area

Actia Aerospace
Anyfields
Anywaves
Clix Industries
Comat
Connektica
EMC4U
Map Space Coatings
LookUp Space
Plug In
Sotrem Seo
Trad

Bayonne

Proxix Engineering

Reims area

Latitude
SaH Analytics

Mécleuves

Nimesis Technology

Seloncourt

Mécanique Laurent

Alès

Dactem

Rousset

Resoltech

Nîmes

Symétrie

Montpellier area

Geomatys
Groundspace
UIMM Méditerranée Ouest
Pôle formation UIMM Occitanie





ACTIA[®]

ACTIA
www.aerospace.actia.com

ACTIA GROUP is a French company specializing in the manufacture of electronic and IT solutions for the automotive, aerospace, defense and telecommunications sectors. The Group currently employs over 3,700 people, including more than 1,200 in R&D, in 25 entities, including 4 factories and 6 R&D centers. We manufacture over 7 million items of electronic equipment a year.

ACTIA AEROSPACE is an ACTIA Group company specializing in the space, satcom and aeronautic sectors. ACTIA AEROSPACE supports major players in the space industry, and today offers a new approach to the sector, with a complete range of products from ground to space :

- On the ground : HF power amplifiers, terminals and station networks, complete supervision systems
- In space : Development and manufacture of highly technical on-board electronic systems



AIRCONEXX
Link the Future

AIRCONEXX
www.airconexx.com

AIRCONEXX specializes in the distribution and design of MIL-aero / ESA tools and workshop equipment for the manufacturing and maintenance of on-board electrical / electronic systems.

Their values are the culture of a solid and lasting partnership with their customers as well as with their manufacturing partners.

AIRCONEXX take particular care to improve the ergonomics of workspaces and develop tailor-made solutions to help customers to optimize production quality.



ANYFIELDS

ANYFIELDS
anyfields.eu

ANYFIELDS offers innovative antenna measurement solutions. ANYFIELDS tools are THE simple and fast antenna testing solution. The EMBox and EMCam tools use unique patented technology that allows HD measurement and visualization of the radiation of all antennas for instant diagnosis of their performance.

- The EMBox is a portable mini anechoic chamber designed for small antennas and allowing for the integration of testing activities.
- The EMCam is a flexible testing tool with a larger surface sensor for measuring larger, integrated antennas (e.g., on a satellite) and in situ.

Their solutions support growing industries such as space, aeronautics, telecommunications, and automotive at every stage of the antenna life cycle: from R&D to production and maintenance.



ANYWAVES

SPACE ANTENNA MAKERS

ANYWAVES
www.anywaves.com

ANYWAVES develops revolutionary antennas for the satellite constellation market. Using state-of-the-art technology, and a team of experts, ANYWAVES designs and manufactures a new generation of off-the shelf or bespoke high-end antennas in compliance with space industry norms.

The only completely European antenna producer, this manufacturer has sold more than 150 units since its creation in 2017; reaching a turnover of €1 million in 2020 and 2021. Its ambition is to become the market leader in miniature antennas for critical systems.



ASPEC
www.aspec.fr

ASPEC is a professional association dedicated to the control of contamination and to clean rooms, controlled environments. Reference organization for more than 50 years in this field, they are also at the presidency of the ANFOR commission for the drafting and development of texts relating to clean room technologies. Their main mission is to facilitate of a professional network and the connection of the main actors, whether they are researchers, suppliers or users of this sector.

Their main activities are oriented towards:

- Training;
- Events;
- Publication of technical guides written with business experts;
- Audit, Consulting and Expertise.



BEMING GROUP
www.beming.net

BEMING GROUP is a full-service general contractor specializing in the design and execution of complex, highly technical projects.

We manage projects from planning through to completion, leveraging our expertise in technical engineering, project management, BIM, and energy and environmental performance. In particular, we support projects in the fields of research, higher education, healthcare, and demanding industrial environments, including laboratories, cleanrooms, and state-of-the-art scientific infrastructure.



CLIX INDUSTRIES
www.clix-industries.com

CLI X INDUSTRIES is an expert in adhesive bonding. We carry out feasibility studies and validation of your assemblies and then undertake their production, from small orders to large quantities. Our clients come from a wide variety of sectors such as space, aeronautics, transportation, electronics, military and many others. Our design office also assists clients with product development in order to ensure the best bonding and to maximise the available features: structural integrity, impermeability, adjustment, weight-saving, space-saving, electrical insulation or conduction, thermal insulation or conduction and combinations of these various functions. We have invested in a number of state-of-the-art facilities: clean rooms, robotic cells, a thermal chamber, a vacuum chamber, etc.



COMAT
www.comat.space

COMAT is a space equipment manufacturer. Located in Occitanie, at the heart of a unique technological ecosystem, we have been supplying instruments and flight equipment for years. From understanding the need to operating the product, COMAT has a strong team of experts within its design office and a unique industrial capability that has evolved over the years to become the digital factory of tomorrow. COMAT, a true player in the space industry, has put its 45 years of existence and expertise at the service of its customers and is a leading space operator of complex mechanisms in Europe.

COMAT also offers simple and robust products for microsatellites, resulting from a clever combination of market analysis, innovative design and industrially competitive achievements.



CONNEXTICA
connektica.com/

CONNEKTICA offers a platform that standardizes AIT procedures and automates test sequences and quality controls to ensure regulatory compliance for SMEs in the space, aerospace, and defense industries facing increased volumes and hampered by cumbersome manual processes.

Their all-in-one cloud platform offers end-to-end traceability, the flexibility required to adapt to processes, and real-time collaboration features to support production rates while maintaining rigorous quality standards.



DACTEM
dactem-international.com

DACTEM International located in the Occitanie region of France, is part of the AEROSPAZIO group. It designs and implements cutting-edge technological solutions for test and measurement, with particular expertise in the space sector, and especially in electric propulsion. DACTEM manufactures thrust balances of exceptional precision, adapted to all categories of thrusters (from 0.1 mN to 2N). Thanks to the expertise of its teams, DACTEM develops test benches and measuring instruments that ensure optimum control of the mechanical, electrical, electronic and fluidic performance of the products to be tested.

DACTEM supports leading companies in the space and industrial sectors, offering them tailor-made solutions combining precision, reliability and innovation. From design to on-site installation, DACTEM offers a complete solution that meets its customers' requirements and specifications, while taking into account the environmental constraints of the products tested and rigorously applying current quality and environmental standards.



EMC4U
emc4u.fr

EMCC4U is a DeepTech company specializing in electromagnetic compatibility (EMC) and numerical modeling applied to complex and embedded electronic systems.

It develops customized methods and tools that enable the integration of EMC from the earliest stages, overcoming modeling challenges through a multi-solver, multi-scale approach that accounts for uncertainties. EMC4U works on systems with stringent integration constraints, particularly in scientific instrumentation, critical electronic platforms, and sensitive payloads.

At the interface between research and industry, EMC4U contributes to the development of innovative systems with high functional density. With 15 years of experience in the space sector, the company specializes in embedded systems and nanosatellites. EMC4U develops R&D and innovation partnerships with stakeholders involved in advanced technologies.



GEOMATYS
www.geomatys.com

GEOMATYS is a company specialized in the development of geospatial solutions. We develop software in a wide variety of fields such as aeronautics, defence and security, earth observation, maritime surveillance, and the environment. We have developed an application platform combining the processing of very large volumes of data taking into account near-real-time flows, complex algorithms and Artificial Intelligence for the development of Geointelligence functions, and exploitable 3D/4D representation on game engines for the design of digital twins.

Our clients include manufacturers such as Naval Group, Airbus, Safran, space agencies (CNES, ESA, JAXA), but also institutions such as the French Navy.



GROUNDSPACE

GROUNDSPACE

www.groundspace.io

GROUNDSPACE offers orchestration solutions that help satellite operators improve responsiveness and exploit the full potential of ground and orbital equipment, while reducing the cost and complexity of operations.

GROUNDSPACE products are designed to meet the requirements of the next generation of highly versatile satellites, and satellite constellations. They form a digital backbone that manages data flow and automates the ground control workflow.



HYPR SPACE

hypr-space.com

HYPrSpace is a French aerospace startup developing a new kind of hybrid rocket engines : the kind that actually works.

The propulsion technology HYPR SPACE is working on is considered the «Holy Grail» of rocket engines, as it combines all the benefits of existing technologies without their drawbacks. Although studied for over 50 years, this technology was previously locked due to its non-scalability and thus was impractical.

However, at HyPrSpace, thanks to a disruptive innovation in engine architecture, the team has successfully made this technology scalable and applicable across a wide range of vehicles. Their technology's duality will enable France and Europe to improve their sovereignty in this field.

ION·X

ION-X
ion-x.space

ION-X founded in 2021 and based in the Paris region, is a company specializing in electric propulsion systems for small satellites. Based on an Electro-Hydro-Dynamic ionic liquid propulsion technology, developed and patented by the CNRS, ION-X develops engines to increase the lifespan, operational flexibility and sustainability of space missions.

Committed to sustainability initiatives, ION-X also integrates an ESG vision into its projects, responding to the environmental challenges of the space sector. With solid strategic partnerships and unique know-how, the company is establishing itself as a key player in NewSpace, combining innovation, performance and responsibility.

 **Look Up**

LOOKUP SPACE
www.lookupspace.com

Look Up is a young French SpaceTech company offering advanced expertise in space surveillance and situational awareness. It was co-founded in 2022 by General (2S) Michel Friedling, former commander of the French space force, and Juan Carlos Dolado, former head of the SSA office at the French space agency CNES.

Against a backdrop of rapidly increasing space traffic, high risks due to hundreds of thousands of pieces of space debris, and new space companies emerging, Look Up is developing a dual European sovereign capability that addresses political and strategic challenges in space security and defense.

It is based on a software component whose dual-use and secure platform is called SYNAPSE, as well as a distributed physical component consisting of a global network of space surveillance radars, whose operational demonstrator SORASYS 1 is currently being deployed.



LATITUDE

www.latitude.eu



MAP SPACE COATINGS

www.map-coatings.com



www.mecanique-laurent.com

MÉCANIQUE LAURENT

www.mecanique-laurent.com



NANOXPLORE

www.nanoxplore.org

LATITUDE is a French aerospace company founded in 2019 to develop a 19m-high lightweight launcher. A pioneer and leader in the design of French microlaunchers, the company employs 130 people at its headquarters in Reims.

MAP SPACE COATINGS founded in 1986, is an Ariège SME based in Mazères specializing in surface coatings for satellites and launchers, for which it provides design, manufacture and application at its Mazères site.

In this context, the company works for manufacturers in various fields of activity (space, aeronautics, electronics, etc.) and in close collaboration with leading technical partners such as space agencies (CNES, ESA), universities and research centers such as ONERA. In the space sector (which represents more than 90% of its turnover), MAP SPACE COATINGS supplies coatings for Airbus Defence and Space and Thales Alenia Space satellites, as well as for Ariane 6, Vega and KSLV-2 launchers. It also counts among its clients some key players in the New Space ecosystem, such as Anywaves, Beyond Gravity, Comat, Exotrail, HEMERIA, MECANO ID and SWISSTo12.

MÉCANIQUE LAURENT produces machined components, as prototypes or in small volume, for customers and equipment manufacturers in the aerospace industry.

In addition to our responsiveness and thorough grasp of the requirements of this sector, our company has experience in machining alloys of various grades, and can support you in the development of your mechanical components.

NANOXPLORE is a "fabless" company based in France. The company was founded in 2010 by three veterans of the semiconductor industry with long experience in the design, testing and standardisation / certification of embedded FPGAs.

NANOXPLORE is a market leader in the design of state-of-the-art Programmable Logic Solutions for FPGA cores and offers rad-hard components, not subject to US export licenses, for applications where reliability and performance are paramount.



NIMESIS TECHNOLOGY

www.nimesis.com

NIMESIS TECHNOLOGY is an expert in shape memory alloys. This state-of-the-art technology is at the heart of its range of space actuators. Lightweight and compact, these highperformance products are suitable for the smallest to the largest satellites. With its modern industrial park and skilled teams, NIMESIS TECHNOLOGY is constantly innovating to meet the high standards of the space industry.

NIMESIS TECHNOLOGY also covers other sectors (aeronautics, medical, nuclear, watchmaking, etc.), offering various smart devices, such as thermal safety mechanisms and precision tooling.



NUCLÉTUDES

nucletudes.ariane.group

NUCLETUDES a subsidiary of ARIANEGROUP since 1966, has been one of the players in French nuclear deterrence. By delegation of Industrial Project Managers, the company is responsible for hardening French strategic systems to the effects of a nuclear explosion.

Thanks to this know-how, NUCLETUDES has extended its field of expertise to other environments and offers its services to players in space, aeronautics, critical infrastructure, civil nuclear and defense (excluding deterrence).



PLUG-IN

www.plugin.fr

PLUG IN founded in 1999, is today considered a benchmark in the development and manufacture of HERMETIC bulkhead penetration solutions for applications used in environmental testing in a vacuum and more generally any application where signals have to go through 2 different environments (vacuum, pressure, gases, liquids, etc.)

Its pioneering concept of space-qualified epoxy resin sealant, offers responsiveness, reliability, flexibility and high hermeticity. It can thus seal almost any type of connector (signal, power, HT, RF, network, etc.) or cable (HT, power, thermocouple, etc.).



PROSIX ENGINEERING

www.prosix.es

PROSIX ENGINEERING is a specialized engineering company focused on fibre reinforced plastic (FRP) and thermoset matrices.

PROSIX ENGINEERING offers comprehensive engineering services that include primary FRP material research, FRP materials properties modification and qualification for specific environments (high temperature, cryogenic, high vacuum, radiation...), definition, testing and validation of manufacturing procedures, part and mould design, costs analysis, prototype and series production and quality control (mechanical and chemical testing, NDT and SHMS).



resoltech
ADVANCED TECHNOLOGY RESINS

RESOLTECH
www.resoltech.com

RESOLTECH based in Rousset (Bouches-du-Rhône), has developed since 1996 more than 250 epoxy and polyurethane thermosetting systems for all types of industrial applications.

Their laboratories are equipped with the most efficient measuring equipment and their chemical and material engineers respond to the specifications of customers in order to support them in their technological developments.

Their systems are used in the industry for the realization of ultrasonic sensors, aircraft interiors, aircraft propellers, satellite antennas, reactors for stem cell culture, innovation are backed by quality production with total traceability, regardless of the quantities ordered.



RIDE!

RIDE!
www.ridespace.io

RIDE! is a newspace company located in Paris, funded in 2020. Our vision is to provide the ultimate experience in launching services at large scale. To this end, RIDE! has designed a digital platform to manage the entire launch process, for both launchers and satellite operators. From the search for launch opportunities to the evaluation of performance, price and service level, to the conclusion of launch service agreements, the RIDE! platform offers users a seamless experience.

In addition to its platform, RIDE! offers a range of launch services, managed by mission managers, responsible for multiple deployment analysis, launch procurement strategy and separation system, launch integration, radio frequency registration, space insurance comparison, and launch vehicle and launch pad integration operations.

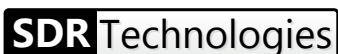


SaH Analytics
L'intelligence artificielle à votre portée

SAH ANALYTICS
www.sahanalytics.com

SAH ANALYTICS INTERNATIONAL founded in 2019, has quickly established itself as a major player in Artificial Intelligence and Cybersecurity in Côte d'Ivoire. With a subsidiary in France, the company supports its clients by optimizing their activities through high value-added digital solutions, focused on the analysis of complex data.

From strengthening IT security skills to advanced exploitation of Data Science and Cloud Computing, SaH Analytics International offers comprehensive services to promote the transition to Digital Business. By relying on Artificial Intelligence (AI) and Machine Learning, the company transforms the data collected into strategic levers for its clients.



SDR Technologies

SDR TECHNOLOGIES
www.sdrtechnologies.fr

SDR TECHNOLOGIES designs and markets “radio sensors” for radiocommunication applications, monitoring of critical infrastructures and management of radio frequency spectrum activity. Its team of “radio software” experts also offers software and hardware design engineering services.

Since 2020, the company has invested in the development of a range of products specifically for space radiocommunications and intended to simplify ground station implementation. These tools are designed to be remotely operated and dynamically reconfigured, allowing multiple links to be provided simultaneously for moving satellites.



SODERN

www.sodern.com

SODERN draws on sixty years of experience in optronics and neutron technology to design innovative and competitive solutions for stakeholders in space, defense, industry and research.

A world leader in star trackers and neutron systems for analyzing and detecting materials, SODERN is internationally recognized for its expertise in very high technology equipment. Subsidiary of the European leader in access to space, ARIANEGROUP, SODERN employs 450+ people with 2021 turnover of €83M. SODERN is an organization structured on a human scale, made up of firmly committed teams.



SOTREM SEO

www.sotrem.com

SOTREM SEO designs, produces and integrates interconnection systems and electronic equipment. Expert in cabling, the company works with stakeholders in the Space sector through the production and integration of electric flight harnesses, the cabling of electronic cards for RF equipment, the cabling of solar cells, the integration of test means and the production of test straps. Their teams, made up of 70 employees, provide these services at their premises in Colomiers (31) or directly on the customer site.

SOTREM SEO has an industrial tool dedicated to the Space sector, integrating a clean room and specific production equipment (parallel gap machine, bond tester, ovens, heating box).



SYMÉTRIE

www.symetrie.fr

SYMETRIE is an innovative company which designs and produces very high precision localization and measurement systems meeting the most specific needs of manufacturers and research laboratories. SYMETRIE has significant experience in major technological projects, such as the Me-gajoule Laser, the Gaia satellite or the JWST telescope.

SYMETRIE is a specialist in the hexapod, a machine with a parallel structure which allows an object to be positioned in space according to the six degrees of freedom, for applications in Astronomy, Automotive, Defense, Energy, Medical, Naval, Optics, Research, Space and Synchrotrons.



TRAD

TESTS & RADIATIONS

www.trad.fr

TRAD Tests & Radiation has been recognised for its unique expertise on the effects of radiation, used to help companies predict and minimise the effects of exposure on their products and systems.

Their experts in space engineering work as much in the field of radiation protection as in the study of the behaviour of systems in a space environment.



**UIMM
MÉDITERRANÉE OUEST**
www.uimmoccitanie.com



**PÔLE FORMATION
UIMM OCCITANIE**

www.formation-industries-occitanie.fr

UIMM MÉDITERRANÉE OUEST represents and brings together industrial and technology companies of all sizes and from all sectors in the region. The collective agreement for the metallurgy sector covers the medical, mechanical, space, electronics and energy fields, etc.

Its mission is to promote and develop the industry and to support businesses and managers, in particular through its legal, HR and financial services, its industrial FabLab, and its training centre. Every year, the UIMM MÉDITERRANÉE OUEST Training Division offers courses in the industry trades (CAP, BAC Pro, BTS and Degree courses) to more than 650 trainees, and over 1,500 employees through in-service training.

UIMM Occitania Training Center brings together under the same brand all the players in the UIMM employment-training network and offers:

- Work-study diploma courses,
- Continuous training for employees,
- Certification training for job seekers.

The UIMM Occitania Training Center is located on 4 training sites (Bagnols-sur-Cèze, Figeac, Montpellier and Toulouse) and trains nearly 1,800 work-study students per year, from CAP to Bac + 5, with an offer of 40 work-study training courses in all areas of industry, and 70 continuous professional training courses to increase the skills of employees in industry. In France, the UIMM Occitanie Training Centers: 33 UIMM Training Centers and 43,000 work-study students trained.





www.fondationvanallen.edu.umontpellier.fr

Contact us

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