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SIAE 2019



# PRIS

Paris-Le Bourget

# INGLY

17 - 23 June 2019

# INGE

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# NIOUS

The Austrian Exhibitors  
Parc des expositions Paris-Le Bourget  
HALL 4, STAND 4-B25



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## PREFACE



Dear visitors, dear exhibitors,

I would like to offer you a very warm welcome to the Austrian Pavilion at the SIAE 2019!

You might be surprised to perceive that the Austrian aeronautics and space industry not only enjoys an excellent reputation, but also offers a variety of top notch high tech products. It is strongly oriented towards export and trendsetting products, such as complex aircraft structures, components, innovative materials or manufacturing technology, equipment, aircraft electronics, etc.

Austria certainly is surprisingly ingenious. The companies of the Alpine Republic have a proven track record as reliable business partners. Red-white-red products enjoy a high reputation for their quality and BAT (best available technologies).

This year again, Austria is among the key exhibiting countries and will present some 21 renowned companies. They are looking forward to meeting you and to discussing business opportunities at the Austrian Pavilion organized by ADVANTAGE AUSTRIA in Hall 4.

Mrs Astrid Houssay, our special aerospace expert, is available for you to ease bilateral talks and offer you more information about the Austrian aviation and space industry.

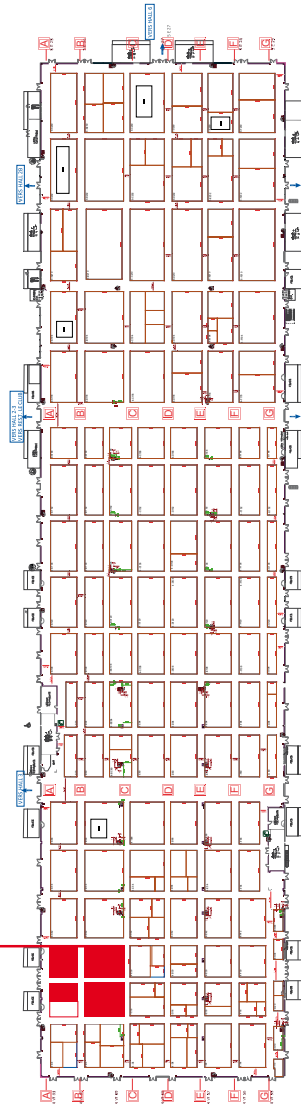
Do not hesitate to take this opportunity to discover trendsetting technologies in the aviation and aerospace industry "Made in Austria" at the Paris Air Show 2019.

Wishing you profitable meetings I remain

Yours faithfully,

Christian H. Schierer  
 The Austrian Trade Commissioner for France & Monaco  
 Director ADVANTAGE AUSTRIA France & Monaco

## HALL 4, STAND 4-B25



## COMPANY | STAND

AAI - AUSTRIAN AERONAUTICS INDUSTRIES GROUP	4-B19
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Zoerkler Gears GmbH & Co KG	4-C29



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The Austrian Aeronautics Industries Group (AAI) represents the national and international interests of the Austrian Aeronautics/Supply/Industry. Founded in 1999, AAI has almost 40 members and is also part of the European association ASD and well connected to the international aeronautics industry.

The members of AAI generate an annual turnover of around 2 billion EUR, with exports accounting for over 95%.

Core competencies include: composites and plastics, metals and metal processing, (Ti, Al, Mg), manufacturing technology, small aircraft and drones (UAS), engines, drive systems, testing facilities, communication (ATM) and electronics, VIP & ambulance interior, software and information systems, maintenance, engineering and research.



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AICAT – Austrian Industrial Cooperation & Aviation Technology – within the Austrian Federal Economic Chamber is a platform focussing on ‚Aviation Technology‘ and ‚Industrial Cooperation‘.

The aim of AICAT is to demonstrate supply & service skills of Austrian companies for the global Aeronautics industry, demonstrate their potential for cooperation, foster competitiveness, represent the interest of the specific industry, promote exports by providing assistance & international contacts and, therefore, position Austria as qualified partner in Aviation Technology.



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Airborne Technologies consists of a team of experts in aviation, system engineering and geo-data acquisition. The companies' scope of services includes the integration of any Airborne Remote Sensor into the customers platform, the development of customized ISR Turnkey Solutions as well as the acquisition and processing of geo information - for governments, police, military and many sectors of industry.

Airborne Technologies excels in the customized consolidation of various airborne platforms and mission systems in order to optimize the human-machine interface.

Airborne LINX, as well as the S.C.A.R. – Pod (Self Contained Aerial Reconnaissance Pod) are examples for an optimal customized combination of platform and mission system.



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bionic surface technologies designs and develops bionic surfaces for reduction of aerodynamic resistance. This technology can be utilized for various technical applications e.g. in the wind power plant, aircraft and sports sectors.

The basis of the business concept is to develop a foil with a special structure for the reduction of drag so as to achieve a significant improvement in the flow ratio. The resulting drag reduction can increase efficiency by up to 8%. The geometry of the flow surface does not need to be altered.

As its second line of business, the firm undertakes special Computational Fluid Dynamics (CFD) - analyses.

OPTICAL 3D SURFACE MEASUREMENT TECHNOLOGY  
FOR USE IN LABORATORIES AND PRODUCTION  
HALL 4, STAND 4-B17



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Alicona is a global provider of optical, industrial measurement technology for the quality assurance of complex components of different shapes, sizes and materials in all sectors of precision manufacturing. The core competency is the measurement of dimension, position, shape and roughness in the areas of manufacturing measurement technology and automation, prototype development and classic quality assurance.

Since its establishment in 2001, Alicona has specialized in integrating measurement technology into production processes and, in the field of smart manufacturing, networking measurement technology with existing IT and production facilities in such a way as to enable the practical implementation of modern production concepts and digitalization.

Alicona has been part of Bruker since 2019 and operates worldwide under the Bruker Alicona brand.

APPLICATION-ORIENTED RESEARCH FUNDING IN THE AVIATION SECTOR  
HALL 4, STAND 4-A20



 **Federal Ministry  
Republic of Austria**  
Transport, Innovation  
and Technology

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The Austrian Federal Ministry for Transport, Innovation and Technology (BMVIT) is responsible for application-oriented research funding in the aviation sector.

In close cooperation with stakeholders from research institutions and the industry, BMVIT developed the RTI Strategy for the Austrian Aviation Sector 2020+ and supports the Austrian aviation sector by its flagship programme for aviation called Take Off.

In addition, BMVIT facilitates networking by offering information and networking events such as the Aviation Forum Austria, which provides stakeholders from the aviation sector with opportunities for mutual exchange.



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Pankl Aerospace operates for the aviation industry worldwide from its production locations in Austria and the USA.

Pankl Aerospace Europe produces engine shafts, rear rotor shafts and other critical rotation components for the aviation and aerospace industries. Customers include Rolls Royce, Airbus, Bell, Sikorsky Helicopter, Agusta Westland and Schiebel, amongst others.

Pankl Aerospace US produces main rotor shafts, fuel pipes, chassis parts and also engine shafts, for Bell, Sikorsky, Erickson Helicopter. Other customers are Pratt & Whitney, Cobham Mission Equipment and the US Navy.



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RIEGL, based in Horn, Austria, is a leading global supplier of 3D laser scanners and scanning systems for terrestrial, industrial, mobile, airborne and UAS applications.

RIEGL's innovative hard- and software provides powerful solutions for most application fields in surveying.

Based on innovative Waveform-LiDAR technology, RIEGL offers a comprehensive product range for aerial surveying and convinces with an extremely broad portfolio of airborne laser scanners covering a range of applications from low to medium and also to high altitudes. Thus, the right sensor or system best suited to the respective application can be provided. For UAV-based applications, extremely lightweight and compact RIEGL LiDAR sensors as well as the unmanned carrier platform RiCOPTER - developed and manufactured by RIEGL - are available.

ATTACHMENT SYSTEM AND SHOCK ABSORBER SOLUTIONS FOR  
THE AVIATION AND HELICOPTER INDUSTRY  
HALL 4, STAND 4-C37



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RO-RA Aviation Systems GmbH is a reliable systems supplier and innovation leader who offers the development, qualification and production of application for Interiors, Structures and Engine Components. The company focuses on future-oriented products and solutions by processing metals of almost all grades and delivers moulding solutions of elastomers and filled thermoplastics. State-of-the-art turning and milling centres are being used in the production of metal parts in-house.

With new concepts, RO-RA places the focus on weight-reducing constructions, innovative materials and thus fulfils the highest safety standards. RO-RA is holding all the necessary certifications for aviation like AS/EN 9100:2009, POA certificate for Part-21, Subpart G as well as approvals from various OEMs and Tier-1 partners.

UNMANNED HELICOPTER SYSTEM CAMCOPTER® S-100  
HALL 4, STAND 4-B37



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Since the 1980s Schiebel focuses on the development and production of state-of-the-art mine detection equipment. Over the years – and after receiving a major order from the US Army – the company was able to ascent to the position of a global market leader in the field of mine-detection.

Within the last decade, thanks to the development and production of its high-tech CAMCOPTER® S-100, Schiebel has extended its global market leadership to the unmanned helicopter industry as well. In 2010, Schiebel's composite division has started to supply high-tech customers with products of supreme carbon fiber technology.

With headquarters in Vienna (Austria), Schiebel now maintains production facilities in Wiener Neustadt (Austria), Shoalhaven (Australia) and Abu Dhabi (UAE), as well as offices in Washington DC (USA) and Phnom Penh (Cambodia).





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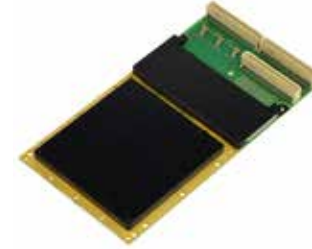


TEST-FUCHS is one of the leading companies worldwide in the field of test equipment for the aerospace industry and the development of ground support equipment and aircraft ground equipment for civil and military aviation. Additional key activities of this innovative family firm are the production and maintenance of aerospace components and the production of cryogenic valves.

In addition to its headquarters in Austria TEST-FUCHS has service and distribution sites in Germany, Italy, the United Kingdom, France, Spain, Singapore and United States of America and works with distributors worldwide. TEST-FUCHS has more than 500 employees overall and generates an annual turnover of some EUR 50 million.



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TTTech is a global technology leader in the field of robust data networks and safety controls. The firm's solutions improve the safety and reliability of connected electronic systems and enable the integration of complex functions, real time controls as well as function monitoring.

For the aeronautics and space industry, TTTech offers solutions for deterministic networks (TTP, AFDX® and TTEthernet). TTEthernet combines IEEE 802.3, ARINC 664 p7 and SAE AS6802 standards in one product. All products are certifiable and provide a perfect platform for DO-297-compliant systems.



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TU Wien offers innovations for aviation: from new concepts and designs to testing as well as support in production and certification.

The TU Wien is situated in Vienna, ranks among the top patent applicants, and is the largest technical university in Austria.

For manufacturers, suppliers, designers and service providers in the aviation industry, a number of ready-to-use and proven innovative technologies, outstanding test and research services as well as support in certification are available.

Presented at SIAE 2019, Hall 4, Stand G17:

- Variable rotor speed for fast rotorcrafts – EASA and FAA regulations compliant
- Machining for highest quality – VAM, MHP, high-speed for Ni-based alloys
- Mechanical testing under real loads, EMC lab and field
- Active turbulence suppression – reduced fuel consumption and CO<sub>2</sub> emissions
- Multi-physics simulation software NGSolve for complex effects
- High-performance polymers: highly stable up to 650 °C, from environmentally friendly production



**voestalpine BÖHLER  
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MACHINE TOOL FOR COMPLETE MACHINING  
HALL 4, STAND 4-B26



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WFL Millturn Technologies GmbH & Co. KG is the leading supplier in the field of complete machining.

WFL is the only manufacturer worldwide that concentrates exclusively on the production of multifunctional complete machining centres. In many high tech companies today, the trade name MILLTURN stands for the central machine tool for the production of complex components with the highest precision. The modular design of the MILLTURN centres and individual special solutions guarantee perfect adaptation to the relevant manufacturing task.

COMPLETE DRIVE SYSTEMS, GEARBOX AND TRANSMISSION PARTS FOR  
FIXED WING AIRCRAFT AND HELICOPTERS  
HALL 4, STAND 4-C29



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From precisely manufactured gears for machines to high-quality bevel and spur gears, Zoerkler supplies the safest and most precise transmission and drive systems worldwide. All stages of development are carried out in house - from the development and production of prototypes to testing gears mounted and ready for series and small-series production.

Zoerkler stands for precision now and quality and safety in the future. This is reflected in the perfectly planned prototypes which are thought through down to the last detail.



## INDIVIDUAL EXHIBITORS

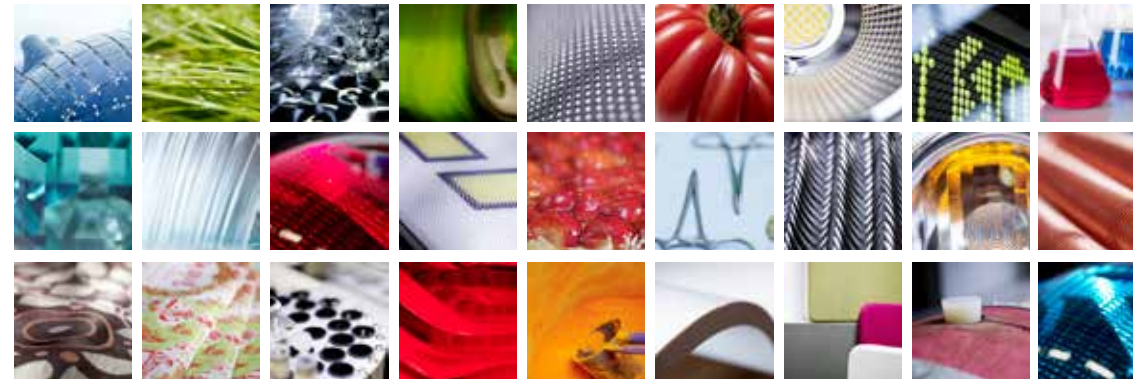
AMAG ROLLING GMBH	Chalet 29
AUSTRO ENGINE GMBH	Statique / Static Display A6
DIAMOND AIRCRAFT INDUSTRIES GMBH	Statique / Static Display A6
VOESTALPINE BOHLER AEROSPACE GMBH & CO. KG	Chalet 106
VOESTALPINE BÖHLER EDELSTAHL GMBH & CO KG	Chalet 106



Further information on Austrian companies, can be found in our magazine FRESH VIEW.



More information on Austrian companies at [www.advantageaustria.org/fr](http://www.advantageaustria.org/fr)



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