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Embassy of Switzerland in China
瑞士驻华大使馆

Sino-Swiss Drones Business & Innovation Forum

Date: Friday, June 14, 2019
Venue: Embassy of Switzerland in Beijing
3 Sanlitun East 5th Street, Chaoyang District, Beijing
Time: 14:00 – 18:30, followed by Grand Reception
Dress Code: Business Casual

About the Home of Drones Event

Drones are shaping the airspace of the future. Switzerland is one of the high flyers in drone technology and positioning itself as a leading research and innovation hub. With its federal institutes of technology working closely with industry and public authorities, Switzerland has carved out a leading global position in drone technology. It is a forerunner in the development of specialised drones, particularly for the commercial use of unmanned aerial vehicles (UAVs). Swiss drones are used in a wide range of applications, from public safety efforts and agriculture to humanitarian aid in crisis-hit areas.

About the Organizers

Section of Science, Technology and Education (STE) of the Embassy of Switzerland in China covers Sino-Swiss collaboration in education, research, health and innovation. As one of the 30 international outposts of the State Secretariat of Education, Research and Innovation (SERI), Federal Department of Economic Affairs, Education and Research, we represent Switzerland in our daily contacts with relevant Chinese government bodies to implement diplomatic tasks and support Sino-Swiss research, academic and innovation exchange.

Swiss Business Hub China (SBH China) is the Swiss Federal Investment and Trade Agency and a representative office of Switzerland Global Enterprise (S-GE), with the mission to help Swiss and Chinese clients to unlock new business and investment potential and to strengthen bilateral trade. Swiss Business Hub China supports Swiss companies in expanding their activities in China and Chinese companies in identifying greenfield investment and trade opportunities in Switzerland.

Programme

14.00 – 14.30 Registration

Session 1 (Swiss Drone Startup Pitching)

14.30 – 14.32 Opening by Science and Technology Counsellor

14.32 – 14.40 Welcome speech by Mr. Bernardino Regazzoni, Ambassador of Switzerland to China

14.40 – 15.45 Swiss drones start-up pitching session (3 min. pitching + 2 min. Jury comment)

15.45 Closing

15.45 – 16.00 Break

Session 2 (Swiss Innovation and Business Landscape)

16.00 – 16.05 Opening by the Swiss Business Hub

16.05 – 16.10 Welcome speech by Head of Swiss Business Hub

16.10 – 16.50 Interactive talks from DJI, Yuneec, Comlab and ETH incl. live drone flights, video screenings, tech demos, voting & polling

16.50 – 17.20 Q&A

17.20 – 17.25 Closing

17.25 – 17.30 Transfer to exclusive B2B session

Exclusive B2B Session – Upon invitation only

17.30 – 18.30 Private B2B meetings (through prior request)

Grand Reception Swiss Drones Week

18.00 – 21.00 All participates of the afternoon sessions and their spouses

Keynote Speakers

- Sunny Liao, Director, DJI Enterprise Europe
- Dario Röthlisberger, Deputy Director of Technology, Yuneec
- Peter Härdi, CEO, Comlab
- Urban Fasel, Project Researcher, ETH Zurich, Institute of Design, Materials and Fabrication

Start-ups

- Aerotain
- Auterion
- Birdly (Somniacs)
- Dufour Aerospace
- EBP
- Fixposition
- Flyability
- Flybotix
- Nivitec
- Swissdrones
- SenseFly

Jury Members

- Mr. Simon Vericel, Founder, InfluenceMatters
- Mr. Sun Xun, Co-founder, EFY Tech
- Mr. Yang Junwei, Project Lead Drones and Tomorrow's Airspace, WEF China

Company Profile of Swiss Drones Start-ups



Aerotain | Daniel Meier | www.aerotain.com

AEROTAIN offers new and innovative ways to interact with audiences. Our flying machines can take virtually any shape and gets brands and products airborne. This allows us to create fun, interactive, and memorable experiences for everyone to enjoy.



Auterion | ZENG Jinger | www.auterion.com

Auterion is the world's largest open source drone software company. Today, its software platform powers commercial, industrial, and government drones of every type, from multicopters to VTOLs. Auterion was co-founded by Kevin Sartori and Lorenz Meier, who created PX4, Pixhawk, MAVLink, and QGC, the most widely adopted permissively licensed open source projects in the drone industry.



Dufour Aerospace | Jasmine Kent | www.dufour.aero

Dufour is a pioneer in electric and hybrid-electric aircraft and aviation-grade drones. We are world leaders in high performance tilt-wing VTOL aircraft.



EBP | FU Rao | www.ebp.ch

EBP is a Swiss leading engineering and consulting firm with various locations worldwide. In China, we strive to provide viable and innovative solutions to our clients with a special focus on the water and environmental sector. EBP is aiming to bring in the highly innovative technology DischargeDrone which is a patented image-based flow measurement technology via drones (in partnership with Photrack AG, spin-off of ETH Zurich) in the field of water management.



Fixposition | SU Zhenzhong | www.fixposition.com

Fixposition provides the most reliable high accuracy navigation solution for autonomous vehicles. ETH Spinoff: our technologies come out of the Top7 university ETH Zurich. ESA BIC CH: we are incubated by European Space Agency Business incubation center in Switzerland. A team with interdisciplinary backgrounds: the founding team and advisories consists of the best experts in precise GNSS/GPS, computer vision, drone autopilot and business development.



Flyability | Xiaolin Briod | www.flyability.com

Flyability is a Swiss company building solutions for the inspection and exploration of indoor, inaccessible, and confined spaces. By allowing drones to be used safely inside buildings, it enables industrial companies and inspection professionals to reduce downtime, inspection costs, and risks to workers. With hundreds of customers in over 50 countries in different industries, Flyability has pioneered and continues to lead the innovation in the commercial indoor drone space.



Flybotix | Samir Bouabdallah | www.flybotix.com

Mandatory inspections of oil and gas industry infrastructure are expensive. Flybotix is developing a drone, combining the flight-time of larger quadcopters with the manoeuvrability of smaller drones, to fly inside narrow shafts and ducts.



Nivitec | Stéphanie Ferreira | www.nivitec.ch

Nivitec creates innovative and personalized solutions in safety and rescue field via drone technology. Our goal? Provide a new tool to assist intervention teams to accomplish their search and rescue missions in the safest and quickest way possible, with a higher efficiency than ever before. Every year in Switzerland, 25 people on average die in avalanches. In order to reduce the search length for victims and hence multiply their chances of survival, our start-up is currently developing its first flagship product: an autonomous avalanche victims search drone.



senseFly | Jane Liu | www.sensefly.com

senseFly was founded in 2009, a spin-off of EPFL. The company is a commercial drone subsidiary of Parrot Group. At senseFly, we believe in using technology to make work safer and more efficient. Our proven drone solutions simplify the collection and analysis of geospatial data, allowing professionals in surveying, agriculture, engineering and humanitarian aid to make better decisions, faster.



SOMNIACS | Lazar Tomic | www.birdly.com

SOMNIACS is an immersive technology company - at the forefront of virtual reality. BIRDLY® was created in 2013 as a design research project at the Zürich University of the Arts. Founded in 2015 to support the commercial rollout of Birdly® products, SOMNIACS continues to develop next generation VR immersive experiences. We are always continuing to push the boundaries of creative production in the field of VR/AR based on Swiss precision design and technical perfection.



Swissdrones AG | Lukas Obrist | www.swissdrones.com

A young high-tech company based in Buchs, Switzerland, Swissdrones specializes in the development and production of unmanned helicopters (VTOL UAVs) for civil purposes. It is our aim to produce and operate high-precision UAVs offering a high degree of safety and reliability. Therefore, our UAVs are equipped with redundant avionic systems. In addition to the unmanned helicopter, we offer customers a complete solution by providing the UAV including specialized equipment as required, operating the UAV by a professional pilot if needed and the customized end product.

Jury Members for the Pitching Session



Mr. Simon Vericel, Managing Director, Influence Matters

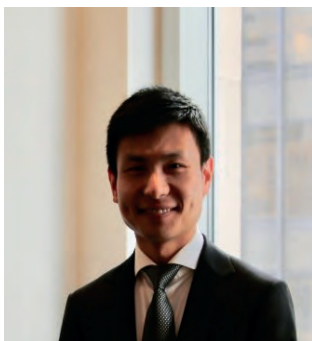
Simon is a geek, an entrepreneur, passionate about the mechanisms of influence, and can't stay away from news portals. Simon specializes in creating impactful ways to activate ecosystems of influence to generate awareness in highly targeted circles, with a particular focus on B2B tech, market entry, corporate, brand and product communications. He's been in China continuously since 2002, spending all of his career at two international agencies running high profile cross-border influencer engagement strategies for global and Chinese large organizations.



Mr. Xun Sun, Co-founder, EFY Tech

Mr. Xun Sun is the co-founder of EFY Tech, one of the largest drone company in China with investors including AVIC and JD. EFY Tech has strong competence in the application of drones in agriculture, logistics as well as entertainment and creative industry.

Prior to co-founding EFY Tech, Mr. Sun worked in various investment firms and have been focusing on Sino-Europe investment opportunities. Mr. Sun received his MBA from University of Columbia and his bachelor degree from University of New South Wales, Sydney.



Mr. Junwei Yang, Project Lead for Drones and Tomorrow's Airspace, World Economic Forum China

Prior to joining the Forum, Junwei worked at the International Civil Aviation Organization (ICAO) in the Remotely Piloted Aircraft Systems (RPAS) section in the Air Navigational Bureau. In this role, Junwei was deeply involved in the development of a global unmanned traffic management framework and the integration strategy on very high-altitude operations.

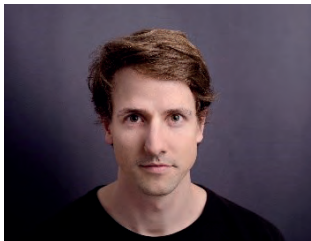
Junwei started his professional career with the Civil Aviation Administration of China (CAAC) as an air traffic controller in the Shanghai Air Traffic Control Centre. Junwei is also a private pilot.

Keynote Speakers



Sunny Liao, Sales Director, DJI Enterprise Europe
He focuses on identifying new market opportunities, channel development and sales generation for DJI's Enterprise solutions across the European market, esp. in industries of public safety, survey & mapping, energy and construction.

DJI is A Shenzhen-based technology company and manufacturer of drones, for aerial photography and videography with manufacturing facilities throughout the world. Its products and solutions have been sold in over 100 countries for applications in filmmaking, construction, inspection, emergency response, agriculture, conservation and many other industries.



Mr. Urban Fasel, the co-founder and supervisor of the Airborne Wind Energy project "ftero", a PhD candidate at the Laboratory of Composite Materials and Adaptive Structures (CMASLab) at ETH Zurich, Switzerland. He is working in the field of morphing wings and their application to Airborne Wind Energy drones.



Dario Röthlisberger, Deputy Director of Technology, received his master's degree in Mechanical Engineering and Robotics from ETH Zürich and a postgraduate diploma in Business Administration from Lucerne School of Business.

In 2017, Yuneec International established a swiss-based joint venture with Advanced Technology Labs to create the world's first enterprise grade drone operating system based on open source technologies (PX4). Today, ATL drives Yuneec's commercial business and empowers partners to create customized solutions on top of Yuneec products.



Peter Härdi, CEO, Comlab Group, has rich management experience in international companies such as Digital Equipment, Compaq, and PeopleSoft, Baan Switzerland, Ascom Wireless Solutions Switzerland.

The Swiss COMLAB Group is a leading developer and provider of radio jamming systems (portable, modular, Convoy) for all areas of application, notably for personal security, defence against drones, convoy, prison and event protection. Main customers includes the military, police, security services, emergency agencies, airports and correctional institutions.

Members of the event organization team



Yves Morath, Business Counsellor,
Swiss Business Hub China, Embassy of Switzerland



Sonja Astfalck, Director of Investment Promotion,
Swiss Business Hub China, Embassy of Switzerland in China



Connie Way, Senior Investment Promotion Officer,
Swiss Business Hub China, Embassy of Switzerland



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Dr. Nektarios Palaskas, Science and Technology Counsellor,
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Main Contact

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