



**AVIATION AND SPACE  
SYMPOSIUM ST.GALLEN  
1 & 2 JUNE 2022**

# **NEW FRONTIERS: AVIATION MEETS SPACE**

**NEW INDUSTRY EVENT  
FOR AVIATION AND AEROSPACE**

[as-symposium.ch](https://as-symposium.ch)



**Aerospace  
Innovation  
Days**

# MEETING POINT FOR THE AVIATION AND SPACE INDUSTRY

The Center for Aviation Competence at the University of St. Gallen (CFAC-HSG) celebrated its 15th anniversary in 2020. To mark this occasion, the Aviation & Space Symposium St. Gallen will be held as a research conference and industry exhibition, presenting latest insights and innovation of the Aerospace Sector.

The first symposium will also host the 10th edition of the renowned Bodensee Aerospace Meeting (BAM) and addresses the long-term challenges for the future of the Aviation Industry as well as upcoming developments in the New space Economy.

Date  
**WEDNESDAY/THURSDAY  
1&2 JUNE 2022**

Expected participants  
**200+**

Exhibitors  
**40**

Location  
**OLMA MESSEN ST.GALLEN  
HALL 2.1**



The Foundation for Aviation Competence - FFAC will be represented with its own stand

Actual Program  
**AS-SYMPOSIUM.CH/PROGRAM**

## TARGET GROUPS

The event is for:

- OEMs, Tier 1-3 Suppliers
- Airport Operators & Ground Handlers
- Airlines & Aircraft Operators
- Service Providers & Start-ups in New Space Economy
- Researchers & Scientists
- Insurances / Brokers
- Government officials
- Legal and consulting services

## BENEFITS

The Symposium offers:

- Knowledge of industry developments and challenges first hand
- Personal exchange with experts of practice and science
- Multiple contacts and findings thanks to an interdisciplinary participation
- Networking and industry insights in Aviation AND Space sector
- Large industry representation from DACH region, including exhibition and expert presentations

## COMPANY VISITS & NETWORKING DINNER @OLMA STÜBLI ST. GALLEN ON 1JUNE

The BAM is organizing Aerospace company visits in the industrial Rheintal region of Switzerland. The visits will be followed by a networking dinner for all interested participants and exhibitors arriving on 1st June in St. Gallen.

## REGISTRATION/TICKETS

[www.as-symposium.ch/tickets](http://www.as-symposium.ch/tickets)



## ORGANIZER/HOST

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University of St.Gallen  
Center for Aviation Competence



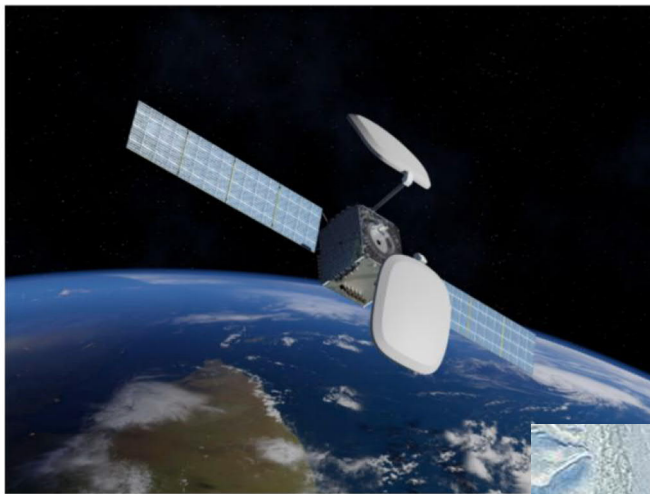
Olma Messen  
St.Gallen



## 2 June: Conference Day

### **NEW FRONTIERS: AVIATION MEETS SPACE**

The symposium will apply critical thinking and management practices to address the long-term transformation in civil aviation and its stakeholders, reflecting society's needs for sustainable and next generation air transportation. Shifting boundaries of feasible and value-adding use cases will support a new space economy and its focus on access to space and growing demand for managing this ecosystem from ground to LEO and GEO.



Picture: Courtesy by **Swissto12**



	<b><u>Description</u></b>
<b>07:30 - 09:00</b>	Exhibition Hall Open / Final Setting
<b>08:45</b>	Doors Open: Attendees
<b>08:45 - 09:45</b>	Conference Check-In & Welcome Coffee / Exhibition
<b>09:45 - 10:15</b>	<b>Welcome Address "Symposium" &amp; "Bodensee Aerospace Meeting"</b> <b>Dr. Andreas Wittmer</b> (Managing Director, Center for Aviation Competence   HSG) <b>Francine Zimmermann</b> (Director Aviation Policy & Strategy, FOCA) <b>Dr. Renato Krpoun</b> (Head of Swiss Space Office, SERI)
<b>10:15 - 11:45</b>	<b>Panel I: Sustainable Aviation (Moderator: Prof. Dr. Roland Müller)</b> <b>Prof. Dr. Judith Walls</b> (Chair, Institute for Economy & Environment   HSG) <b>Dr. Philipp Furler</b> (Founder & CEO, Synhelion) <b>Stefan Tschudin</b> (COO, Zürich Airport) <b>Panel Discussion</b>
<b>11:45 - 13:00</b>	Lunch / Exhibition
<b>13:00 - 14:45</b>	<b>Panel II: New Space Economy (Moderator: Dr. Marc-Andre Chavy-Macdonald)</b> <b>Prof. Dr. Pascale Ehrenfreund</b> (President, International Space University) <b>Dr. Axel Roenneke</b> (Vice President Key Account & Sales, beyond gravity) <b>Ulrich Kübler</b> (Director Space Exploration, AIRBUS) <b>Luc Piguet</b> (Co-Founder & CEO, ClearSpace) <b>Panel Discussion</b>
<b>14:45 - 15:30</b>	Coffee Break / Exhibition
<b>15:30 - 16:30</b>	<b>Special Interest &amp; Meet the Expert Sessions</b> <b>Session A: Sustainability</b> <b>Aviation Research Center Switzerland</b> - Swiss Roadmap to Sustainable Aviation <b>University of St. Gallen</b> - Sustainable Aviation - A Management Perspective <b>Destinus</b> - Global Hyperexpress Delivery...Powered by Green Hydrogen <b>Session B: Missions</b> <b>Coactum</b> - Low Budget Missions through Ride Sharing <b>University of Würzburg</b> - Small Satellites / Distributed Earth Observation <b>Astrocast</b> - Global IoT Network / and the world's longest operating nano satellite <b>Session C: Engineering</b> <b>HEICON Global Engineering</b> - Mission Critical Safety Testing <b>HyImpulse</b> - Access to Space with Hybrid Propulsion

**16:45 - 17:15**

### **Conference Closing**

**Dr. Peter Guggenbach** (CGO, Swissto12 | former CEO, RUAG Space) - A New Perspective To Space And the Bigger Picture  
Symposium Farewell Address

**17:15 - 19:00**

Networking Apéro



## **Panel II: New Space Economy (13:00-14:45)**

Access to space is turning into a commodity service through technical innovations, privatization and profitable use cases. What used to be public institutions, authorities and decade-long programs, are now becoming corporations and business models, decentralizing launching capabilities in the upstream sector and commercializing the downstream applications within shorter development windows.

If and how can traditional space missions and explorations by mature players in the Space market and hundreds of VC invested start-ups, think tanks and disruptors can co-exist and creating added value for the rapidly changing needs of our society and providing access to space in a geo-political context?



## Panel I: Sustainable Aviation (10:15-11:45)

The world is connected in many ways. However, the Aviation System remains the most global, intercultural and value-adding type of transportation, for which demand has been growing over decades. Despite the technical innovations in air transportation, the ecosystem still contributes to the global carbon footprint in one-digit but relevant percentages.

How and by when can this Aviation System and its stakeholders transform the industry to become a sustainable yet safe and still globally connecting mode of transport?



## Special Interest Sessions (15:30-16:30)

The conference day will conclude with a series of parallel sessions, providing input presentations on specific topics, delivered by industry experts, leading academics and young entrepreneurs.

Moderated by BAM representatives, the break-outs will take place in Hall 2.0, 2.1 and 3.1, followed by Meet the Expert slots, which allow participants to get in touch with the presenters directly.