



## UZH Space Hub Newsletter



Dear Members of the UZH Space Hub,

In this newsletter you're going to discover more about the Innovation Hub Zurich. Moreover, you will have the possibility to read a summary of our first UZH Space Hub workshop as well as a report on the event "Be a star in ESA's universe". Finally, you will find some very interesting space opportunities and events, so save the dates.

Have a nice read!

UZH Space Hub Team

### News and Activities



#### Switzerland Innovation Park Zurich

With the Switzerland Innovation Park Zurich a new platform for research, development and innovation is being created on the Dubendorf airfield. In the near future, renowned research institutions and companies will settle on the site.

Thanks to the adjoining airfield, the Innovation Park Zurich offers excellent infrastructures for research in aerospace and in all forms of mobility. The airfield, the hangars and the emerging attractive ecosystem will also provide ideal conditions for the UZH Space Hub to realize innovative collaborations, projects and experiments in future.

by *Sandra Darvas (Switzerland Innovation Park Zurich)*

[Read more](#)

#### First UZH Space Hub workshop

On October 17, 2019, the UZH Space Hub members met for the first time for a workshop to discuss ideas, needs and visions. A total of 29 participants from different areas of research joined our interactive discussion forum. Some main outcomes were:

- We have a strong aerospace community with excellent research at UZH. However, we could increase our visibility for instance by storytelling.
- We want to explore synergies between research groups of different fields of expertise (e.g., join forces, share experiences) to benefit from each other's experiences and facilitate interdisciplinary projects.
- The UZH Space Hub will support the members by setting up a community and environment to foster exchange and create a base for innovation.

If you are interested in the detailed notes and outputs of the workshop, please contact us via [UZH Space Hub](#)

#### Be a star in ESA's universe – A roundup

On November 7, the roadshow event "Be a Star in ESA's Universe" stopped by at the UZH and the UZH Space Hub hosted an interactive evening about careers either at ESA or in space academia, industry or research and innovation. Here is a roundup for you to become a star yourself!



[Read more](#)

### Space Opportunities



#### Do you need microgravity? Join the 4th Swiss Parabolic Flight Campaign

Between June 10 and 12, 2020, the 4th Swiss Parabolic Flight Campaign is taking off from Dubendorf Military Airport aboard the Airbus A310 ZERO-G - the next Swiss expedition into weightlessness. We're still welcoming scientific experiments and also private participants as "Astronauts for one day". Please register with [Oliver Ullrich](#) until December 13, 2019.

More information [here](#) and a spectacular video from our latest Swiss Parabolic Flight Campaign [here](#).

#### Call for an In-Orbit Validation / In-Orbit Demonstration joint mission

The Swiss Space Center is coordinating a call-of-interest for a Swiss in-orbit validation or demonstration mission with multiple payloads from 500 g up to 1 kg in weight. Currently, interest and ideas are gathered to discuss possible missions as well as possible funding schemes.

Do you want to join such a mission or do you have an idea for a payload coming from the UZH Space Hub? Then come and talk to us. We need your input and ideas until December 1, 2019.

#### Save the date: AIRBUS presents Bartolomeo

On January 13, 2020 the UZH Space Hub will organize a presentation on the Bartolomeo program, a platform attached to the European Columbus Module on the ISS and operated by Airbus Defence and Space. This represents a new and unique payload hosting opportunity: Operated aboard the ISS in low-Earth-orbit (altitude: ~400 km), the Bartolomeo platform offers the ISS' only unobstructed view on both, planet Earth and outer space.

We will inform you soon about details and program. For more information on Bartolomeo, please have a look at the [official webpage](#).



#### EMITS Call

A new permanently open channel for innovative ideas is available on ESA's Open Space Innovation Platform (OSIP). Submit your innovative ideas for new space activities to the Open Discovery Ideas Channel. This channel focuses on exploratory, low technology readiness level (TRL) activities. The foreseen implementation paths for selected ideas are early technology development activities, system studies and co-funded research projects to be conducted within the discovery element of ESA's basic activities.

The channel replaces and includes the objectives of the discontinued Innovation Triangle Initiative (ITI) and Network Partnering Initiative (NPI) taking advantage of lessons learned from these schemes.

Details are available on [OSIP webpage](#).



#### swissnexDay'19

Join the swissnexDay'19 on December 11, 2019, 13:30 – 18:00 at SwissTech Convention Center, EPFL, Ecublens. This year's theme is "Earth's Guardian: Using Space Tech for a Sustainable Future".

Learn more about how space technologies in communication and navigation, satellite or microgravity research can benefit life on Earth, create market opportunities and foster economic development. While the potential of space applications is enormous, serious obstacles remain, in particular the issue of space debris.

Join the swissnexDay for an exciting conversation on these topics. The event will also be a great opportunity to network and exchange ideas with representatives from space related education, research and private sectors, as well as with swissnex CEOs and Science Counselors.

[Read more and register.](#)

#### Mission Asclepios: Do-it-yourself space mission

Mission Asclepios is an interesting project for a do-it-yourself space mission analog made for and by students under the mentorship of trained professionals. This interdisciplinary scientific project seeks to simulate short-term spatial missions on another celestial body such as the Moon or Mars. Astronauts will be pre-selected from candidate students, and they will be isolated for 7 days in a remote location, preferably in Switzerland, in April 2020. During this mission the astronauts will conduct in-situ experiments in research fields ranging from psychology to robotics and from medicine to astronomy, proposed by research laboratories, scientific centers and private companies.

[Read more](#)

University of Zurich  
UZH Space Hub  
Winterthurerstrasse 190  
8057 Zurich  
Switzerland



+41 44 635 40 60  
[spacehub@innovation.uzh.ch](mailto:spacehub@innovation.uzh.ch)  
[www.innovation.uzh.ch](http://www.innovation.uzh.ch)

[Unsubscribe](#)  
[Edit Profile](#)