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University of  
Zurich<sup>UZH</sup>

UZH Space Hub

# UZH Space Hub



Dear UZH Space Hub Community

In this newsletter, you will find many exciting space news, starting with insights into the successful commercial suborbital flights of July 2021. In addition, we would like to make you aware of UZH events such as the Innovathon, Scientifica and the next Space Café, and educational programs organised by the European Space Agency.

Have a nice read,

UZH Space Hub Team

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News

## Interview with Oliver Ullrich and Claude Nicollier on Commercial Space Travels



The area of commercial space travel has started as Blue Origin and Virgin Galactic have successfully sent their vehicles to space. But can everyone fly to space? What are the advantages and what the risks? In this interview, published in the Tages-Anzeiger, the Swiss Astronaut Claude Nicollier and the UZH Space Hub Director Oliver Ullrich answered questions regarding commercial suborbital flights, which could even improve the performance and complexity of suborbital space experiments by including professional scientists. Image credits: Blue Origin

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## Events



## Dübendorf, Hangar 9: Outreach event on

## September 1st

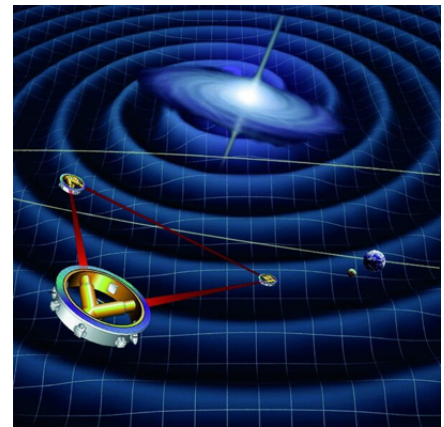
Various UZH Space Hub members use infrastructures at Dübendorf airfield for their research: The groups of Davide Scaramuzza (autonomous drones), Andreas Hüni (Airbone Remote Sensing) and Oliver Ullrich (Space Life Science) will show their research to the interested public on Wednesday, September 1, 2021, in Hangar 9 at the Dübendorf Air Force Center. This is a pre-event for Scientifica. In the afternoon, guided tours at 15:00, 17:00 and 19:00 can be booked via the Scientifica platform. In the morning, a special guided tour for school classes from the region will take place in cooperation with the local MINT promotion organization Startbahn 29. Registrations soon available in the [Scientifica webpage](#), stay tuned!

[Read more](#)

## Scientifica: Space Hub Mini Lecture Series

On the occasion of Scientifica 2021 on September 4 and 5, a public mini lecture series with UZH Space Hub members with focus on "Astrophysics and Space Life Sciences" will take place. Short talks will be given by Ravit Helled (Astrophysics), Philippe Jetzer (Astrophysics), Lucio Mayer (Astrophysics), Jaap Swanenburg (Space Life Sciences), Oliver Ullrich (Space Life Sciences) and Johannes Vogel (Space Life Sciences).

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## Space Café: from Research to Market

We would like to make you aware of a second Space Café event which will take place in a **hybrid mode, on-site (Irchel campus) and online**.

Do you have an idea for a startup but you do not know where to start? Are you worried about the financial challenges? Our speakers, all former researchers



from UZH and ETH, will show you the different strategies, ranging from marketing to networking, necessary to launch a startup company. Join this Space Café, **on September 2, 2021, at 14:00**, to discover how the path from one's own research to a business model and a functioning company can look like. Registration is free but mandatory. Seats are limited and will be assigned on a first come-first serve basis.

[Read more](#)

## Innovathon 2021

Are you a Master or PhD student? Would you like to develop creative solutions related to real life challenges in the mobility sector? Join the two-day block-course and the Innovathon, organised by the Digital Society Initiative and the UZH Innovation Hub. A good opportunity to learn in an interdisciplinary environment and gain innovation skills. UZH students, attending the full program, will get 3 ECTS. **Deadline for registrations is August 20, 2021.**

[Read more](#)

The poster for Innovathon 2021 features a dark background with a grid of green and black circles. The text includes: 'University of Zurich', 'INNOVATHON 2021: THE DIGITALIZATION OF MOBILITY', 'How do you envision the future of mobility?', 'Make your ideas count Lecture block + Innovathon', 'Join the Innovathon: Develop solutions to real life challenges, Learn with your interdisciplinary team, Gain innovation skills, Earn 3 ECTS points', 'Dates: 14th-15th Sept: Lecture block, 30th Sept - and Oct: Innovathon', 'Organizers: UZH Innovation Hub, Digital Society Initiative', 'Register until August 20th: digitalinnovation.uzh.ch/innovathon', and 'Challenge partners: accenture, csem, mobility, SIEMENS, amag, SBB CFF FFS'.



## Space Innovation

UZH is member of Space Innovation and thus all UZH-affiliates can take part in their

activities and benefit from their offers. You can for instance take part and interact in the webinar on Experience and Outlook on In-Orbit Demonstration in Switzerland, which will take place on September 8, 2021 (from 16:00 to 17:00). If you would like to know more about the event or the Space Innovation's offer, please [contact us](#).

[Read more](#)

## Opportunities

### ESA Space for Business Program

Interested in the New Space Economy? The University of St Gallen (HSG) from Switzerland, Nova School of Business and Economics (Nova SBE) from Portugal, and Rotterdam School of Management, Erasmus University (RSM) from the Netherlands, have launched the first European executive space business programme in collaboration with the European Space Agency. The UZH Space Hub is proud to be involved on this Space for business program as a partner of the HSG.

[Read more](#)



### Online Human Space Physiology Training Course 2021

ESA Academy's Training and Learning Programme offers to university students a two-week online course about Human Space Physiology. University students will learn about the human physiological effects of spaceflight and the approaches to mitigate the effects of microgravity on the human body with the use of analogues and models of the space environment. The course will take place from October 18 to October 29,



2021. Deadline for application: August 17, 2021.

[Read more](#)

## New Calls for Gravity related Experiments open

Do you plan to make your master thesis on the topic of gravity and space? If yes, check out ESA Academy's open call for Drop Your Thesis!, Fly your Thesis!, and Spin Your Thesis! Programs for 2022. You have time until October (Fly your Thesis!) or November to develop your idea and apply to these exciting opportunities. Let us know if you need support!

[Read more](#)



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