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UZH Space Hub

UZH Space Hub Newsletter



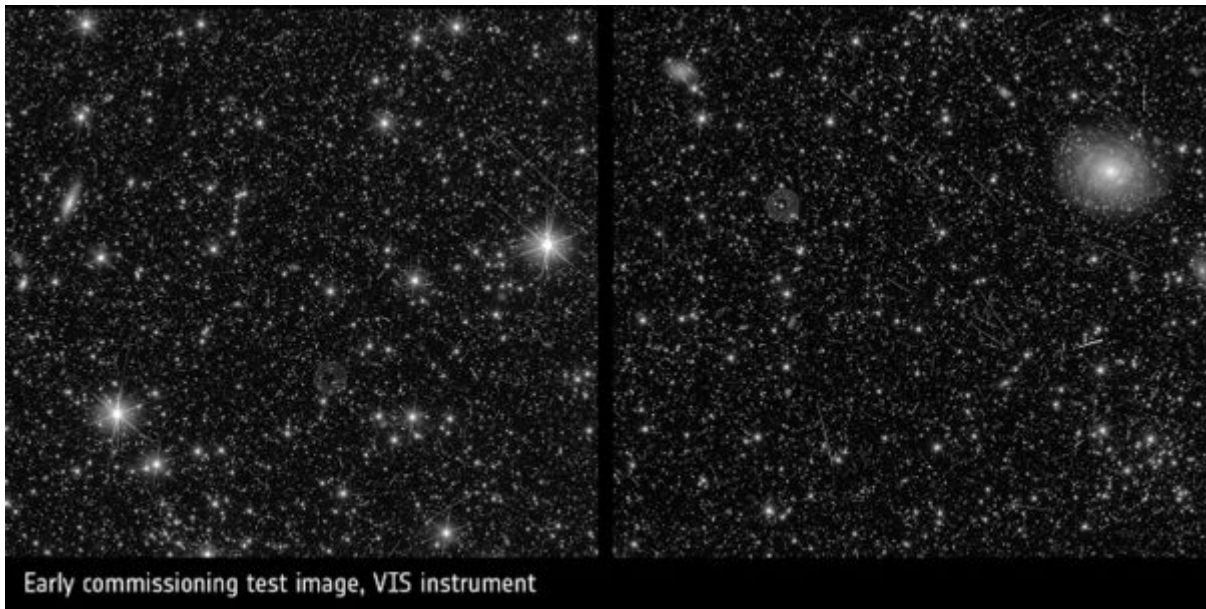
Dear UZH Space Hub Community

In this newsletter you will find news, upcoming events and space-related opportunities in the Swiss landscape and beyond.

Have a nice read,

UZH Space Hub Team

News



Euclid's delivers first test images

The Euclid probe arrived on the Lagrange Point 2 on July 28th, four weeks after its launch. On July 31st ESA released the first test images of the VISible instrument VIS and the Near-Infrared Spectrometer and Photometer (NISIP). According to ESA quality of the test images indicates that the Euclid's instruments will achieve their scientific goals and more. It will take another couple of months until Euclid will deliver its view of the universe.

Loot at the test images [here](#) and listen to the ESA consortium commenting on the images in this [video](#).

“Learning High Speed Flight in the Wild” paper honored

The UZH Space Hub congratulates Davide Scaramuzza and his team members Antonio Loquercio, Elia Kaufmann Rene Ranftl, Matthias Mueller, Vladlen Koltun: They were honored at the International Congress of Basic Science in the Beijing's People's Hall of China on July 16th with the prestigious Frontiers of Science Award in the category Robotics Science and Systems for their Science Robotics 2021's paper “Learning High Speed Flight in the Wild”!

[Read more](#)



Swiss Aerospace Cluster Journey to the US: Opportunities for Switzerland's Space Ecosystem

The "Space Mission U.S." trip of the [Swiss Aerospace Cluster](#), jointly with the Principality of Liechtenstein, represented by Ambassador Georg Sparber and Rainer Schnepfleitner and the Embassy of Switzerland, represented by Honorary Consul Luc Burkhardt and Science Office head Olivia Gachoud, to Alabama and to Florida provided a fascinating impression and overview about the Space Ecosystems in the USA and demonstrated that the emerging Space Economy offers important opportunities for traditional Swiss manufacturers and Universities collaborating with Space companies. Switzerland as an economic heavyweight in Central Europa, its world class universities and its innovative power is ideally suited to contribute and profit from the emerging Space Economy.

In Alabama, the Swiss and Liechtenstein delegation had the opportunity to meet with representatives from NASA Marshall Space Flight Center, U.S. Army Contracting Command-Redstone Arsenal, Beyond Gravity, United Launch Alliance (ULA), Huntsville/Madison County Chamber, Cummings Research Park, The University of Alabama in Huntsville, the U.S. Space & Rocket Center and NAITA (North Alabama International Trade Association) and in Florida with representatives from Space Florida, Sidus Space, Airbus OneWeb Satellites, Boeing Starliner C3PF and Redwire Space. The UZH Space Hub was represented by Oliver Ullrich and Calista Fischer.

Picture: The Swiss Aerospace Cluster delegation visits the Shuttle Landing Facility (SLF) / Launch and Landing Facility (LLF) - the longest runway in the world with 4.600 m length and 91 m width - and the final nose gear wheel stop of the Space Shuttle Atlantis STS-135 mission on July 7th, 2021, ending the US Space Shuttle program.

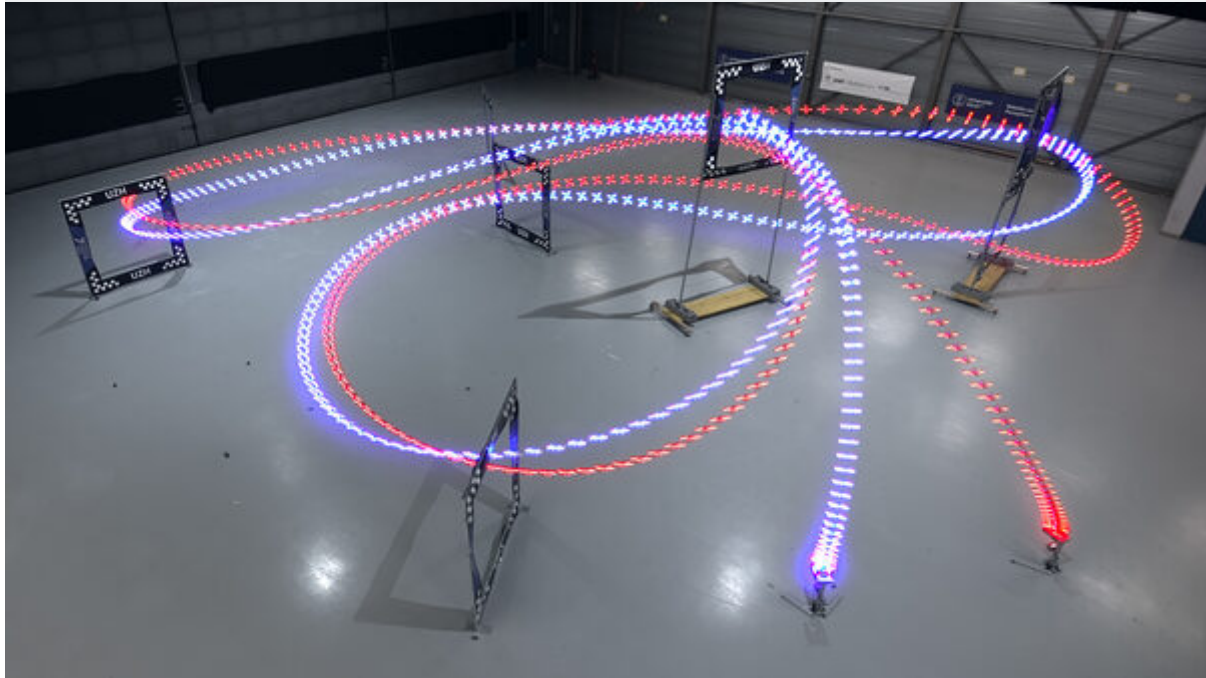
ESA Commercialisation: from ideas to business

success

Read the interview with Géraldine Naja, Director of Commercialisation, Industry and Competitiveness at ESA, who tells us more about ESA's commercialisation endeavours, that aim to deliver new commercialisation opportunities in European space, thereby increasing the competitiveness of Europe's space economy and bringing socio-economic benefits to European citizens.



[Read here](#)



Challenge Accepted: High-speed AI Drone Overtakes World-Champion Drone Racers

In a milestone for artificial intelligence (AI), the AI system "Swift", designed by UZH researchers, has beaten the world champions in drone racing – a result that seemed unattainable just a few years ago.

Congratulations to Davide Scaramuzza and Team as member of the UZH Space Hub for this achievement which partially stems from the indoor drone flying facility in Hangar 9 at the Air Force Center in Dübendorf.

[Read more](#)

UZH Space Hub launches Space Blog

The UZH Space Hub has initiated a bi-weekly blog with the local Newspaper Zürcher Oberländer/Glatttaler featuring the research activities of its members and giving insights to

other relevant topics. The launch of the Euclid mission marked the blog's start. The blog aims at making the Space Hub activities visible and known in the Dübendorf area and the Innovation Park community.

The blog will be also published on the UZH Innovation Hub webpage in German and English. If you want to share your research or new activities with the broad public from the Dübendorf area, contact [Calista Fischer](#).

Opportunities

Do you have a fresh and innovative startup idea?

Join this 12-week acceleration program together with 25 other participants and transform your idea into a promising business concept!

In partnership with [UZH Innovation Hub](#) and [Innosuisse](#), we invite you to join an inspiring learning experience: the Innosuisse Business Concept course.

Apply to join the next course by Sept 12th

[Read more and register](#)

The Economics and Law of Space-Based Commerce - Call for Papers

This workshop (17–19 January 2024) will focus on the economics and governance of commercialisation in outer space. It will look at the applicability of economic concepts, the concepts of international economic law, and the concepts of economic governance to space-based commerce.

The workshop will be hosted jointly by the [International Space Science Institute \(ISSI\)](#) and the [World Trade Institute \(WTI\)](#) in Berne.

[More information](#)



Living Planet Fellowship call for proposals 2023

The LPF aims at supporting the new generation of scientists in ESA Member States to undertake cutting-edge research in Earth Observation and Earth System Science, maximise the scientific impact of ESA missions and European EO capacity and respond to the main challenges of the ESA science strategy.

This call is motivated by the urgent need to foster the new generation of scientists to develop advanced science-based solutions that respond to the major challenges that society is facing in the onset of this century.

Submission of Proposals by 27th October 2023

[Read more](#)

Events

COMMERCIAL SPACE DAYS

11-12 SEPTEMBER 2023 | LUZERN

Commercial Space Days

On September 11-12, 2023 the first Commercial Space Days will take place in Lucerne. The event is organised by the Center for Aviation and Space Competence at the University of St. Gallen and the Swiss Aerospace Cluster, in cooperation with Space eXchange Switzerland and the European Center for Space Economy and Commerce. Unfortunately the event is completely sold out. But if you are one of the lucky owners of an entry, visit our stand at the KKL on the 2nd floor.

[Read more](#)



DIAS meets the Innovation Park Zurich

The Drone Industry Association (DIAS), Innovation Zurich, and The BRIDGE Lab at the University of Zurich cordially invite you to a jointly organized networking event at the Innovation Park Zurich (IPZ) on September 26th. During this event you will hear several speakers talking about current developments related to regulation, venture capital, and the social acceptance of drone applications.

This networking event also offers the opportunity to visit the Innovation Park Zurich and to gain an in-depth insight into the current development of the park.

[Register here](#)

UZH: Your Career at ESA

On 27th September 2023, UZH hosts a career event to foster working at ESA. Join the event at UZH between 16-18h including the option to personally meet current or former employees of ESA and benefit from their experience. The event is targeted to everyone interested in ESA and working in the space domain. Join our UZH Space Hub Members Jennifer Adams and Andy Hueni and get first hand inputs.

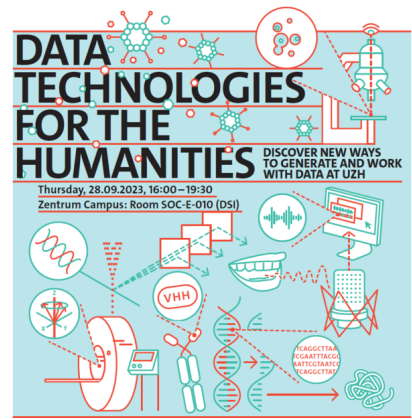
[Register here](#)



Data Technologies for Humanities

At the “Data Technologies for the Humanities” event, various technology platforms will present their services which are particularly suitable for research in the humanities subjects. Our UZH Space Hub member Maria Santos will present her work on "Imag(in)ing spectroscopy for human-nature interactions". Join her on this event taking place on 28.9.23 (16:00-19:30) at Zentrum Campus.

[Register here](#)



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