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University of  
Zurich<sup>UZH</sup>

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

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## News

**Green aviation: environmentally friendly**

## arrival

We are proud to announce that the project application for DYN-MARS (the 3-year follow-up project and further development of DYNCAT on TRL5/6) was approved by the EU Horizon. Aim of the project is to make airplane landings more environmentally friendly by a dynamic configuration adjustment in the terminal maneuvering area to reduce fuel consumption, noise, and CO2 emissions. The UZH Space Hub - associated civil flight facility, the Swiss SkyLab Foundation, is involved in the consortium and the project belongs to our focus area "Green Aviation". The Swiss contribution is directly funded by SERI. Partners are the German Aerospace Center (DLR), Swiss International Airlines, Thales AVS France and Empa.

Point of Contact is Martin Gerber: [martin.gerber@skylab-aerospace.com](mailto:martin.gerber@skylab-aerospace.com)

Watch

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## International Day of Women & Girls in Science

On the occasion of the MNF activities regarding the International Day of Women and Girls in Science on February 11th, the NPOC for satellite data organised a workshop on "Earth from Space" for 10 motivated girls. UZH Space Hub members from the Remote Sensing Laboratories demonstrated how satellites help them monitoring and understanding our precious planet. The girls had also the possibility to explore on their own satellite remote sensing data at various stations: with the "AR sandbox" they were able to model and explore landscapes and water bodies, with the EO browser they could access open source satellite images and have a closer look at their hometowns. By comparing an Red-Green-Blue image with a false colour image, they learned that satellites can measure part of the light, which is invisible to our eye.

Credits: Science Lab UZH



## Events



**Alumni Talk @ the Institute of Anatomy:  
"Commercializing human organoids from  
space - Prometheus Life Technologies"**

On March 7th from 16:30 to 17:30h @ Campus Irchel or via Zoom.

Speaker: Liliana Layer, PhD; CSO of Prometheus Life Technologies and CEO of Nova Space Biotechnology  
(Image-NASA)

[More details here](#)

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## Seminar at the Institute of Anatomy: "First results of pre-post ISS study low back pain in astronauts and lunar/Mars parabolic flight campaigns"

On March 21st from 16:30 to 17:30h @ Campus Irchel - OLGA, Y44 G 09

Speaker: Jaap Swanenburg, PhD; Integrative Spinal Research, Department of Chiropractic Medicine, Balgrist University Hospital; University of Zurich, Zurich, Switzerland

[Read more](#)

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# Opportunities



**UZH Entrepreneur Fellowships**

**Transfer UZH research to the market  
and become an entrepreneur**

Let's Bring **Innovation to Life!**  
[www.innovation.uzh.ch](http://www.innovation.uzh.ch)

## UZH Entrepreneur Fellowship: From Research to Market

Do you have an idea for an innovative product or service based on a UZH research project? The UZH Entrepreneur Fellowship can help you develop your idea with up to

150'000 CHF, entrepreneurship training and coaching. If you have questions, contact us or the UZH Innovation Office. Apply by April 15, 2023.

[Read more](#)

## ISSI call

Open call for International Team projects at the International Space Science Institute (ISSI) in Berne and/or Beijing. Submit your proposal for an international collaboration project in the domain of Earth Science using Space data or Space Sciences. You can find the requirements for funding in the link below. Apply until March 16, 2023.

[Read more](#)



## Veneto stars challenge

Contribute to solve today's problems with your innovative idea and the help of satellite data. The "Veneto start" challenge is looking for teams, talented European innovators aged 18 - 25, who have an idea to solve challenges in the agri-food sector by using satellite data. Until March 15th teams can submit their ideas and get their chance to move in the next phase.

[Read more](#)

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