

Astrodrom at IdeenExpo 2022

July 2 - 10, 2022, Hanover
Hall 9 (Faszination:Weltraum), Booth 5

IdeenExpo is Europe's largest youth event for technology and science.

<https://www.ideenexpo.de/ueber-die-ideenexpo>

395,000 Visitors

During the 10-day expo in 2019.

~60 qm

Size of the Astrodrom booth

30+

Overall inspiring workshops at Astrodrom's booth

5+

Interactive exhibits at Astrodrom's booth

Astrodrom's Workshops in a nutshell

Workshop 1

Beyond Horizon - Cosmic Messages

If there are 70 thousand million million million stars, there should be life out there somewhere. However, we haven't found any yet. And whether we have been discovered by other intelligent beings, we do not know. But there are still mysterious signals that could possibly come from aliens. In our workshop, we will take a closer look at supposed messages. In addition, we will slip into the role of "the others" and try to find out whether they can understand the messages we send at all. By the way, we will also discuss what we would talk about with aliens.



Workshop 2

Space Fiction - Space Flight in 2222

Permanently inhabited space stations, rockets taking off and landing again, or helicopters on foreign planets - what sounded like pure science fiction just a few years ago is now reality. This shows that dreams in space travel can apparently never be big enough. That's why in this workshop we'll venture a look 200 years into the future. Will there be space elevators, Dyson spheres or cities on other celestial bodies in 2222? Honestly, we don't know. But there are already many breathtaking concepts to talk about today. And, who knows: Maybe one of the participants in our challenge has that one very special idea that will really kick-start the future of space travel?!



Workshop 3

Earth Observation - Focus on Earth

More than 150 satellites are used for Earth observation. Because from orbit, the Earth can be mapped down to the last corner, the weather can be observed and more sustainability on Earth can be ensured. Since climate change affects all of us, this workshop will be focusing on topics such as monitoring the vegetation of infrastructures, measuring soil moisture and detecting forest fires at an early stage. Thanks to innovative technologies, all of this can already be done reliably from space. In this workshop, we will show how this works. With a challenge in which the participants can evaluate and interpret data themselves.



Workshop 4

Space Debris - Junkyard Orbit?

The era of space exploration began with the launch of Sputnik 1 on October 4, 1957. Since then, more than 6,000 rockets have been successfully launched into space. The downside: for a long time, no one thought about cleaning up the mess. Today, objects with a total mass of more than 9,800 t are floating in Earth orbit. This poses a threat not only to the ISS or satellites, but to space travel as a whole. And because sustainability is also important in space, we will be addressing the topic of space debris in this workshop. We'll show participants how to recognize, avoid and even recycle it with a challenge whose main goal is to keep things organized in orbit.



~20%

Already pre-booked or fully booked workshops

50+ hrs

Scheduled livestreams on various social networks

10+

Active members in the Astrodrom project team

Astrodrom's Exhibits in a nutshell

Exhibit 1

Working in NewSpace

Among the approximately 8 billion people living on Earth, fewer than 1,000 have been in space. So you might think that it's almost impossible to get a job in the space industry. But far from it: because specialists are desperately needed everywhere! Sounds good? Then let's get started: In just a few minutes, we'll tell our visitors exactly which jobs suit them and where they can learn them. And if they like, we'll also tell them which companies are best suited for their application.



Exhibit 2

Gravity in Relation

In physics lessons, we learn that although mass and weight are related, they are not the same thing. Visitors to our booth can experience first-hand what this means for the human body and space technology with our "gravity scales," among other things.

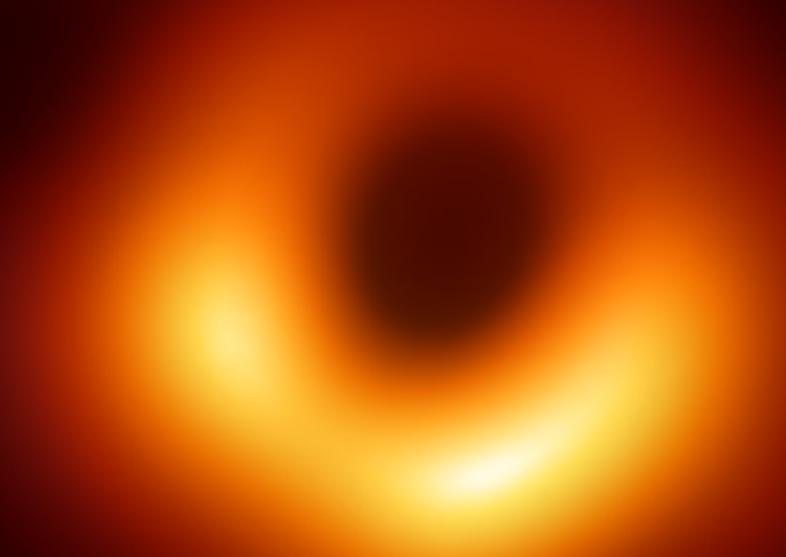


Exhibit 3

Origami in Orbit

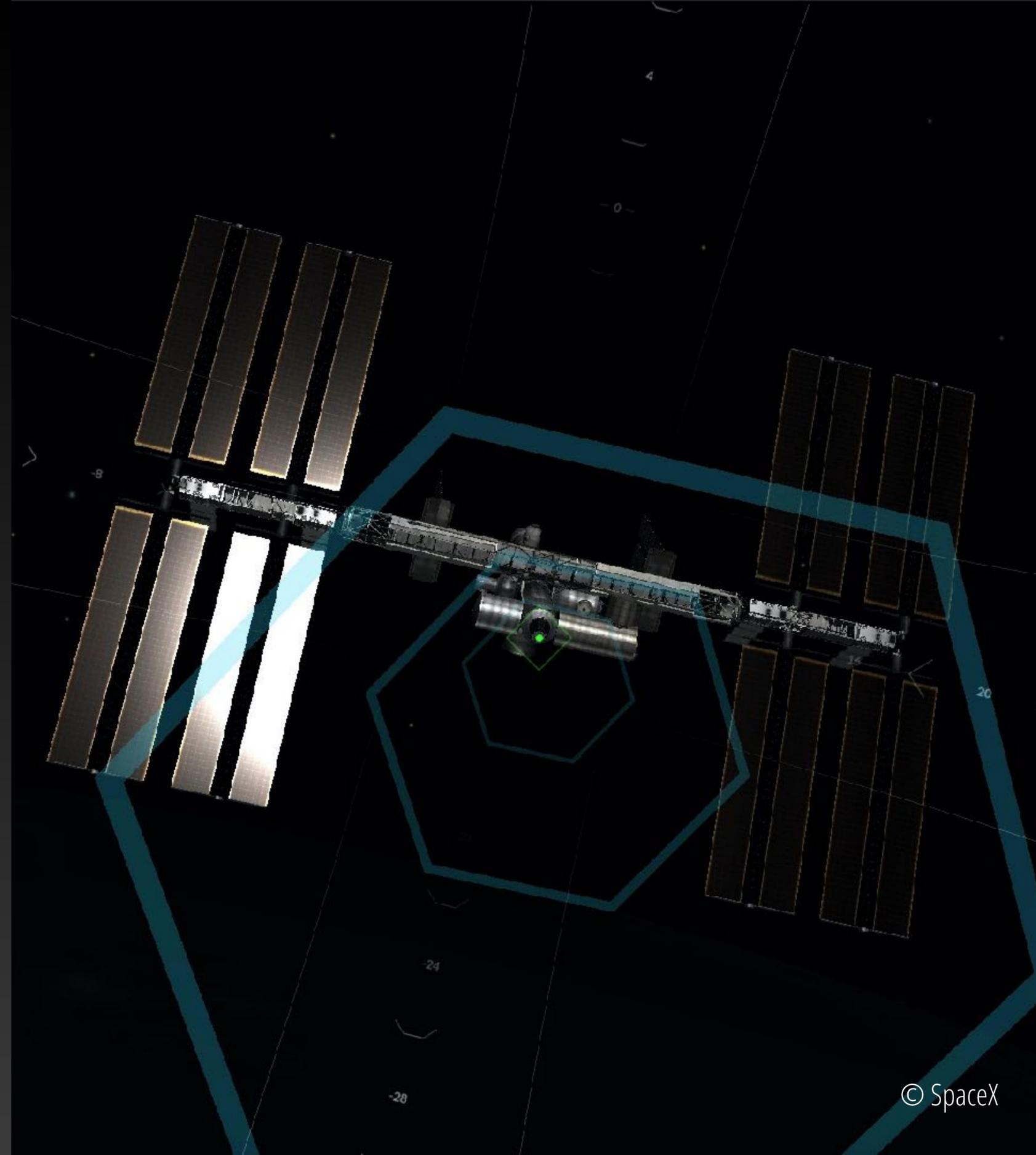
Satellites are getting smaller and smaller, but they still need to be supplied with energy. But how do you get sufficiently large solar panels into orbit in an extremely limited space? The answer: with origami, the Japanese art of folding. Originally intended for paper, it is also suitable for space applications. Visitors can try out how to fold on Earth so that unfolding in orbit works automatically and reliably.



Exhibit 4

Gamification in Spaceflight

Whether "No Man's Sky," "Kerbal Space Program" or "Outer Wilds" - there are numerous computer games that have a clear connection to space flight. But bits and bytes are not only used to create exciting games, but also tricky simulations. Many of them are even indispensable for testing on Earth what has to work smoothly in space. We present some simulations to our visitors, which they can also try out directly.



Astrodrom's booth
The NewSpace Showcase



Note: Visualization and rendering of the booth is for illustrative purposes only. Graphics, exhibits and designs are subject to change.



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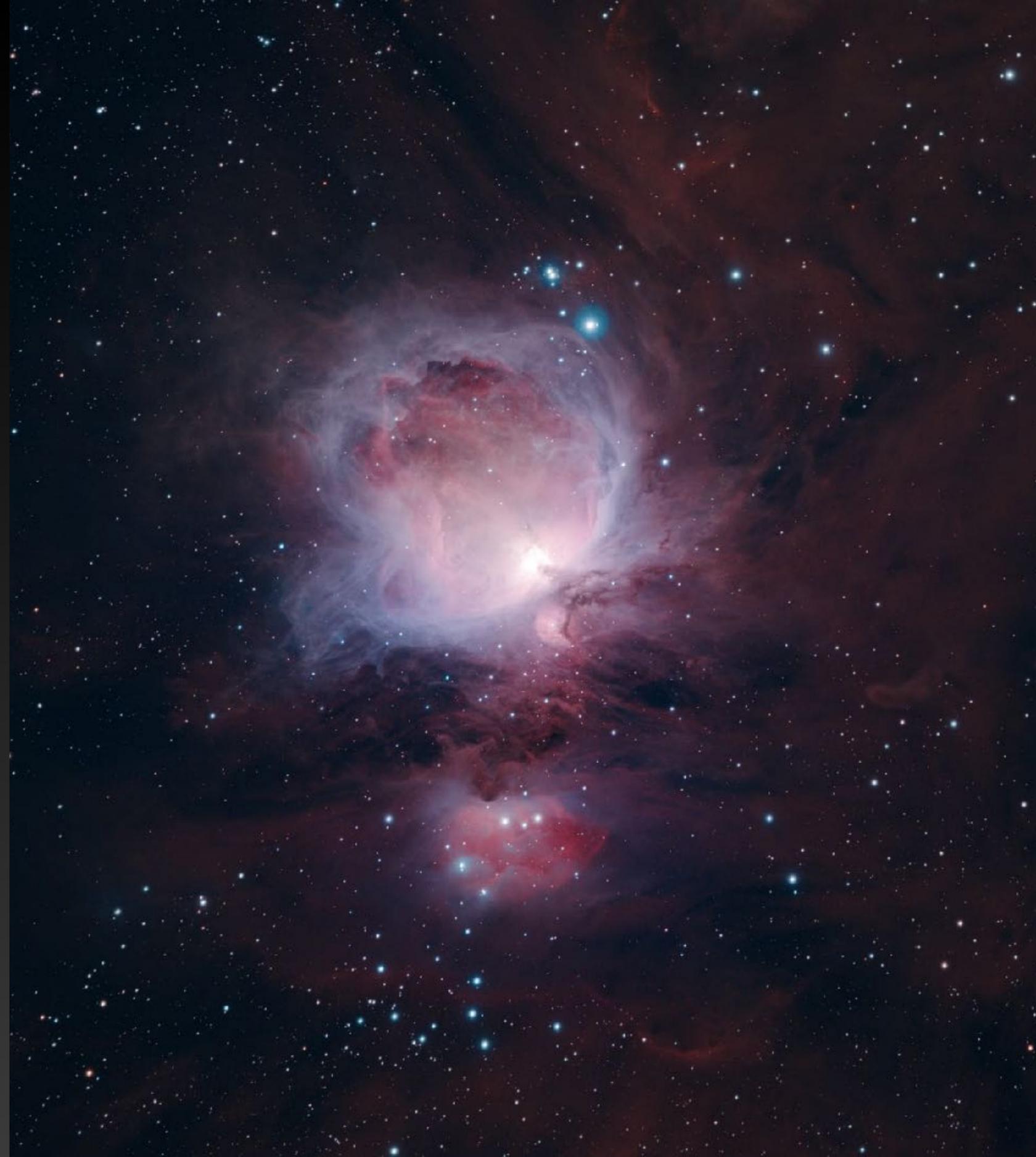
**Your options
to be present at the expo**

Palladium – 1,100 €

„Showcase your expertise live“

Benefits

- You will be visible every day at Astrodrom's booth
- You can contribute to the content of a workshop of your choice and by staff on site
- You will be mentioned as a Palladium-supporter in our expo-coverage
- Including all benefits from Platin-Level



Platin – 700 €

„Show what you have“

Benefits

- Your logo appears on the exhibition wall, in our flyers and on our website
- You can lead visitors with QR codes on five cardboard stools to an URL of your choice
- You can display your own advertising materials
- You will be mentioned as a Platin-supporter in our expo-coverage
- You can present your own exhibit (even without the need of staff on site)



Gold – 600 €

„Show what to share“

Benefits

- Your logo appears on the exhibition wall, in our flyers and on our website
- You can lead visitors with QR codes on three cardboard stools to an URL of your choice
- You will be mentioned as a Gold-supporter in our expo-coverage

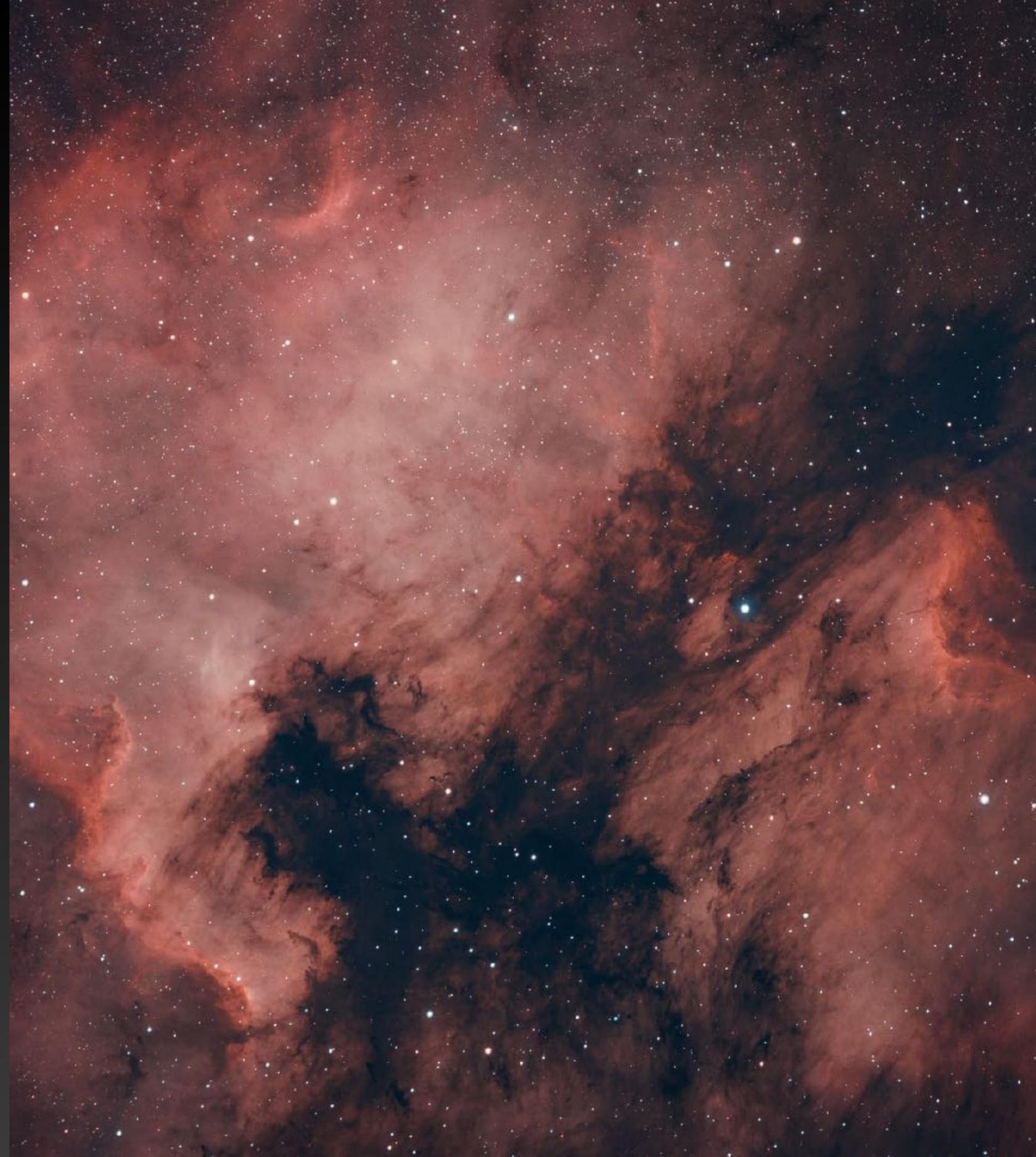


Silver – 500 €

„Show who you are“

Benefits

- Your logo appears on the exhibition wall, in our flyers and on our website
- You can lead visitors with a QR code on one cardboard stool to an URL of your choice
- You will be mentioned as a Silver-supporter in our expo-coverage



Premium

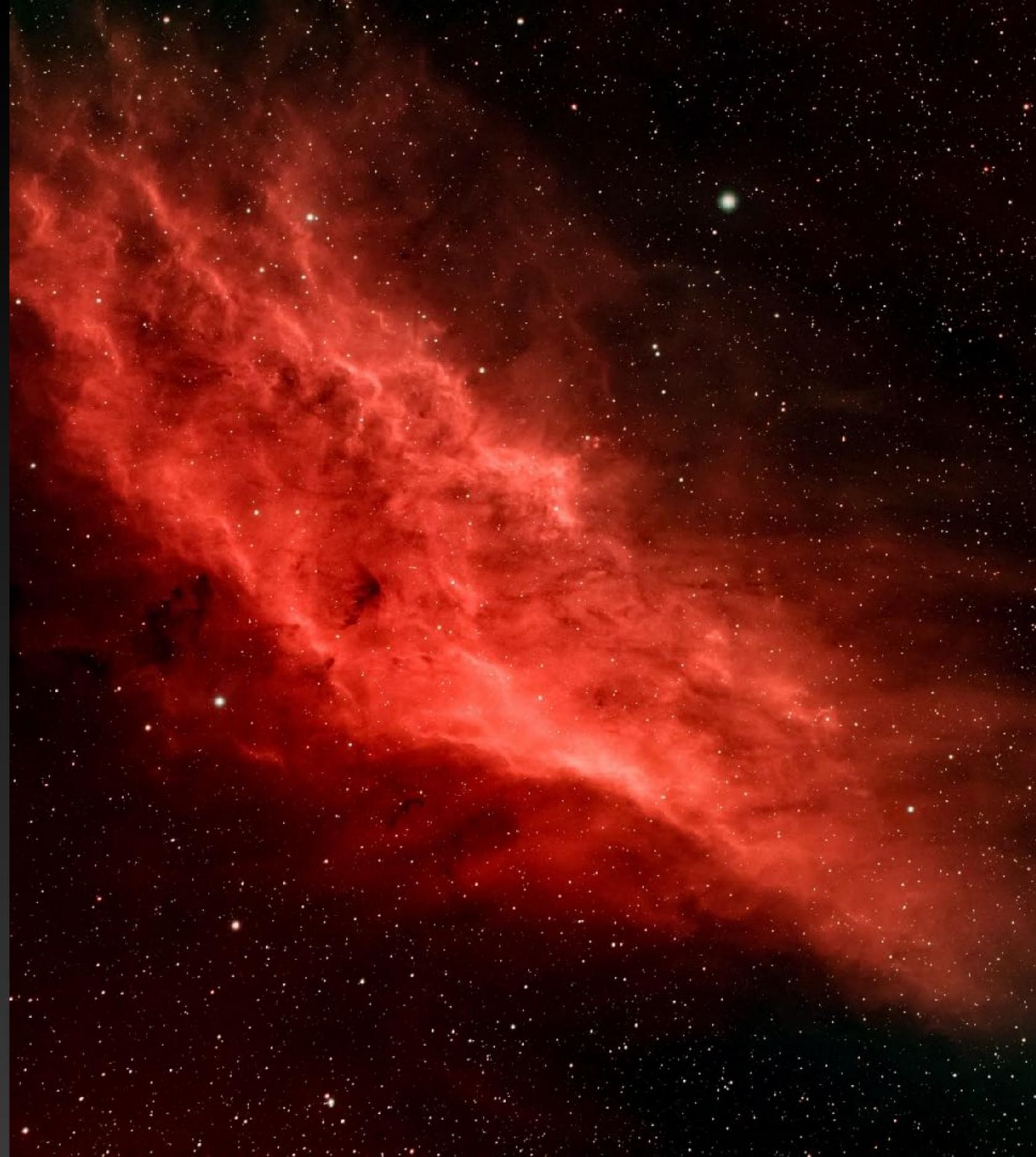
„Show your support“

Support us for at least one expo-day!

- weekends 150 € per each
- working days 100 € per each

Benefits

- Your logo appears on our website
- You will be mentioned as a Premium-supporter in our expo-coverage



Basic

„Support #teamSpace“

Support us with an amount of your choice*!

Benefits

- Your logo appears on our website
- You will be mentioned as a #teamSpace-supporter in our expo-coverage

* If less than 100€ (see premium level)



Get 50 % Off!

As a member company of the Astrodrom e.V.

**The journey to the moon, other planets
and faraway stars is the most spectacular undertaking
mankind has ever embarked upon.
The race into space is on - and we're all in.**

Why we founded Astrodrom e.V.

**We are creating synergies
between the NewSpace industry
and other sectors of our economy,
as well as between science, politics and society.**

Vision of Astrodrom e.V.

Our mission: to create visibility, interest and enthusiasm for modern spaceflight. How do we do that? By informing, inspiring and motivating. With updates from NewSpace, relevant background information and exclusive insights into the industry. As content creators, job scouts and workshop professionals. We impart knowledge. Digitally, hybrid, on site.

Mission of Astrodrom e.V.

Astrodrom's membership fees & benefits

Your yearly turnover in €

< 2,5 M

Your yearly turnover in €

2,5 M – 5 M

Your yearly turnover in €

5 M – 10 M

Your yearly turnover in €

> 10 M

Your yearly membership fee

250 €

Your yearly membership fee

500 €

Your yearly membership fee

1,250 €

Your yearly membership fee

2,500 €

Benefits

for members of Astrodrom e.V.

- **Joint PR on given occasions,**
e.g. statements on positioning towards institutions or political decisions
- **Regular knowledge exchange events,**
for networking and exchange with other industries
- **Measures against the shortage of skilled workers,**
through visibility of company developments and vacancies
- **Measures to attract tomorrow's talents,**
by inspiring young people in workshops, roadshows, livestreams, special events, etc.



Contact us

to get started!

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