




CENTER  
**NOORDUNG**





# Enter the world of infinity – beyond the stars, into the heart of the unknown!

Get to know the visionaries of space travel, explore space technologies, and dive into the story of the culturalization of space.

- 01** Presentation of the Center of Space Technologies Herman Potočnik Noordung
- 02** Permanent exhibitions
- 03** Virtual reality and interactive content
- 04** The program of your choice
- 05** Conference and event venue



## Welcome to the space dimension, Center Noordung

In the heart of the green town of Vitanje, there lies a fascinating building, unique not only in Slovenia but also in the world. It gives you rich and interesting content regarding the vast world of the universe, unimaginable achievements and amazing stories for all space lovers and those who are just about to become it. Visit us to see the exquisitely interesting and interactive exhibitions and multimedia content on space that won't leave you indifferent.

# 01

**We educate. We inspire.**  
**We connect.**

The basic mission of Center Noordung is to research, collect and communicate the knowledge of space and space technologies to the public in a way that sensibly connects and intertwines the science, economy, tourism and art. The offer includes the development, installation and marketing of space content in the form of art exhibitions, exhibitions of items and multimedia interactive applications that we offer to the general public.

Also, by connecting with and integrating into international connections, we ensure greater recognizability of Slovenian and international institutions in the field of space activities in all areas. Through the implementation of dedicated symposiums, we present and expand the significance of space exploration.



The construction of the building was co-financed under the project of Integral revitalization of the Vitanje Cultural Center into the Cultural Center of European Space Technologies.



Municipality  
of Vitanje



REPUBLIC OF SLOVENIA  
MINISTRY OF ECONOMIC DEVELOPMENT  
AND TECHNOLOGY



# **Experience** **a fragment of the** **universe through** **permanent** **exhibitions**

Take a stroll through the innovative layout of the exhibitions with the interplay of art, communicativeness, and interactivity.

# 02





## The artistic science of cosmology

Humanity has been immersed in astronomy ever since the earliest civilisations, yet our understanding of the Universe and the celestial phenomena has changed across millennia.

## Understanding of the Universe across time

Take a stroll through this attractive and dynamic exhibition on the history of understanding the Universe and learn about the leading astronomers and the history of astronomy, from pre-history to today.



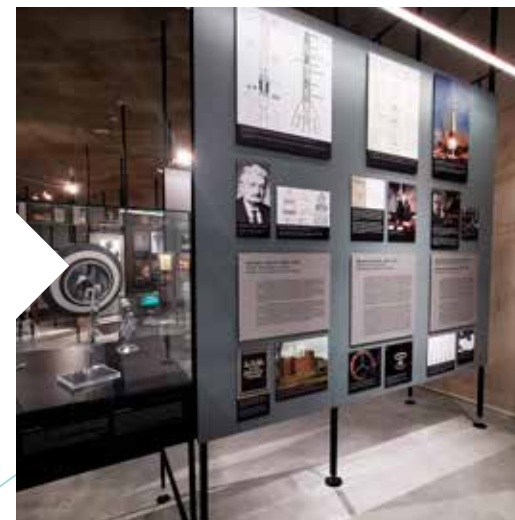
## Herman Potočnik Noordung

Explore and broaden your horizons visiting the exhibition about the Slovenian scientist who with his visionary thinking and his book *The Problem of Space Travel: The Rocket Motor* left a great mark in the history of space technology development.



## Noordung's perspective

Learn about the ideas of space travel as imagined by the pioneers of space technology and rocketry: discover ideas and works of Potočnik's contemporaries – from the first liquid-fuel rockets and rocket equations to space station concepts and early space flight.



## The mysterious universe

Millennia of observation have revealed many of the Universe's mysteries, and much remains unknown that even the greatest astronomer minds still find tough to crack. Experience the mysterious nature of the Universe and learn about the fragments of the known in the magnificent mosaic of infinity!



## Images of Earth

Observation of the Earth from space is the future of managing the most vital areas for human development and for the planet's preservation. This fascinating and pictorial exhibition will show you the modern methods and results of Earth observation using Sentinel satellites, the space component of Copernicus, the European Earth observation programme.



## On the cosmic horizons

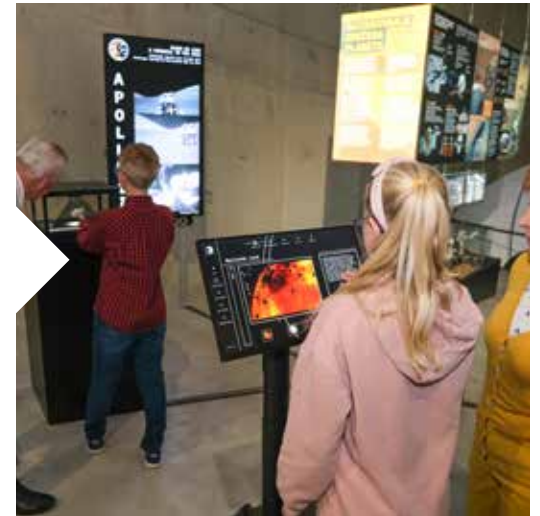
Advances in technology enable reaching new milestones in space observation and exploration. Discover the technologies used by scientists to study the Universe. See models of the rockets and telescopes that helped explore the unknown.

## Slovenia in space

There is a high profile for Slovenian companies in the global aerospace industry. Discover Slovenian companies and their achievements in space technologies.



Blast off to the International Space Station and experience life in zero gravity. Explore the Moon and its conquering missions. Travel to Mars and learn about the greatest discoveries in the history of its exploration.







## THE MOON – a giant leap for mankind

Earth's only natural satellite, the Moon affects life on Earth in many ways. This exhibition will shed light on its origins, exploration, composition, and features.

## Solar System

In terms of distance from the Sun, Earth is the third planet in our Solar System. This exhibition shows the beauty of the planets in our Solar System and their size ratios.



# Feel the vastness of the universe with virtual reality and interactive content

Use modern multimedia technologies to experience the authenticity of the space experience and an unforgettable adventure. Children will also immensely enjoy the VR experience.

# 03





## Universe 360

Enter a unique interactive room, where through a modern, carefully designed multimedia experience concept we reveal the universe in virtual reality, with no need for special goggles. The room is suitable for group tours of up to 30 people

## Electra VR

Electra VR simulates airplane flight and recreates a unique science fiction spacecraft, giving you an authentic experience of seeing the planet's surface and flying in 3D virtual reality. You will experience the feel of flying a real plane. You will observe mountains, lakes, seas, and the whole planet Earth from 80 km above the ground and for a moment you may feel like a real pilot or astronaut.



## Vita, the humanoid robot

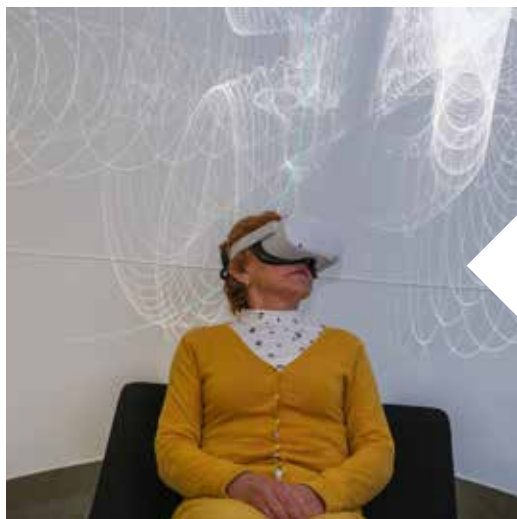
Have a chat with the first social humanoid robot created in human shape. Vita the robot is welcoming and friendly and will talk, dance, listen and make your visit to the Center Noordung extra fun and interactive.



## VR Noordung

Get up close and personal with the Noordung space station in geostationary orbit, travelling between planets in our Solar System. Visit the station and discover the planets right at your fingertips.





## Journey into the universe of consciousness

Delve into your consciousness and observe the brainwave frequencies. Watch a 3D music video of the story of the Sphinx using VR goggles. This multimedia installation is a personalised innovative artistic experience built on the latest technologies.

## Bárány chair

Have a spin on the Bárány chair and try the method for studying the human balance organ. As you rotate, change the handle position to communicate a feeling or rotation direction. Can you be sure to have the right sense of direction?

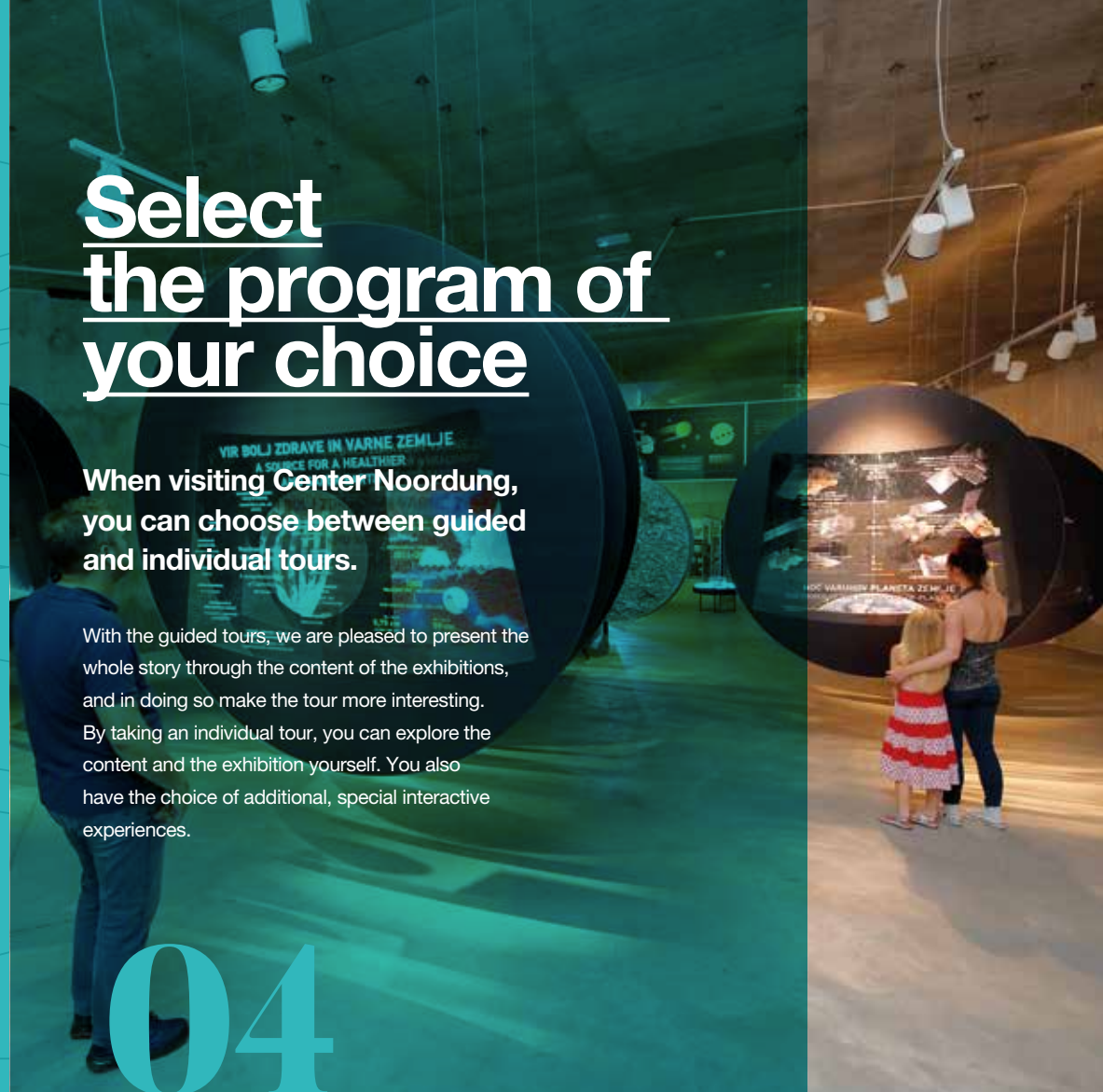


# Select the program of your choice

When visiting **Center Noordung**, you can choose between guided and individual tours.

With the guided tours, we are pleased to present the whole story through the content of the exhibitions, and in doing so make the tour more interesting. By taking an individual tour, you can explore the content and the exhibition yourself. You also have the choice of additional, special interactive experiences.

# 04





## For families

The more demanding exhibitions are suitable for **adults, older children and teenagers**. Meanwhile, younger children can enjoy innovative interactive multimedia content (Universe 360, Vita the robot, Electra VR, VR Noordung and AR apps).

## For individuals

This visit will give you a glimpse into different areas of space in an interesting and technologically sophisticated way, and with a hint of art. A tour of the Center Noordung building will also appeal to architecture buffs and anyone seeking a truly fascinating experience.

## For schools

The school programme is based on the thematic field of the current exhibitions and tailored to individual school groups and pupils' age and knowledge. Our **guided tours and thematic workshops** motivate pupils to reflect and actively participate.

## For groups

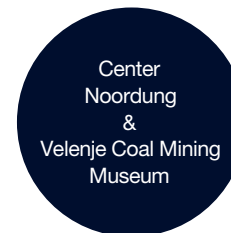
Innovative, unconventional, and contemporary ways of presentation and unusual content showing the uniqueness and vastness of the Universe add variety to the group experience. Do visit if you are a group of tourists, or an **association, company or organisation** looking to add variety to your meetings with refreshments and additional entertainment.



## Experience more with shared packages

In addition to Center Noordung, visitors can either explore its surroundings in **Vitanje or the Rogla – Pohorje destination**, as well as explore other sights and cultural establishments more broadly, or enjoy sports and cuisine.

We also offer joint tickets, which include tours of both destinations:





## Vitanje offers you many interesting stories



Take the time to explore the fountains of the old town centre and learn about the story of the Vitanje knights. Hike up to the Church of the Mother of God in Hriberca or take the water learning trail 'From Drop to River'. Highly recommended are also a visit to Beškovnik's granary, the Brodej ethnological museum and the Meglič organic farm. To quench your hunger, try the Kuzman Inn, or the Polenšek tourist farm in the summer. Spend the night at the Brodej eco glamping site in Brezen near Vitanje, or at the Planska cottage in Hudinja. Welcome to Vitanje, a little piece of the whole we call the Universe – come visit and explore. Information on local offers is available at the TIC Vitanje, located in the Center Noordung.



# Looking for a unique event setting?

## Take advantage of our conference and event center

# 05



Modern and stunning architecture that impresses. Center Noordung building, which gives an impression of being different and futuristic already on the outside, is the perfect place for various symposia, events, conferences, team buildings, lectures, and similar events.



Throughout the year, we organize international conferences and symposia in the field of space, as well as commercial events, star gazing events, concerts and various other events with which we raise cultural awareness and

expand the mission of the center as a cultural institution. We rent out the facility for photo shootings and video recordings, namely the multipurpose round hall, gallery, and the roof.



For more information, contact us and we will prepare a special offer just for you.







### Opening hours:

Monday–Thursday: **From 9 a.m.–4 p.m.**

Friday: **From 9 a.m.–5 p.m.**

Saturday, Sunday, Holidays: **From 10 a.m.–6 p.m.**

Closed: Jan 1 and 2, Easter Sunday, Nov 1, Dec 25

### Guided tours (in Slovenian language):

**From May 1 to Sep 30**

Monday–Thursday: **11 a.m., 2 p.m.**

Friday: **10 a.m., 12 p.m., 2 p.m.**

Saturday, Sunday, Holidays: **10 a.m., 12 p.m., 2 p.m., 4 p.m.**

**From Oct 1 to Apr 30**

Thursday: **11 a.m., 2 p.m.**

Friday: **10 a.m., 12 p.m., 2 p.m.**

Saturday, Sunday, Holidays: **10 a.m., 12 p.m., 2 p.m., 4 p.m.**



### Contact:

**Center of Space Technologies**

**Herman Potočnik Noordung**

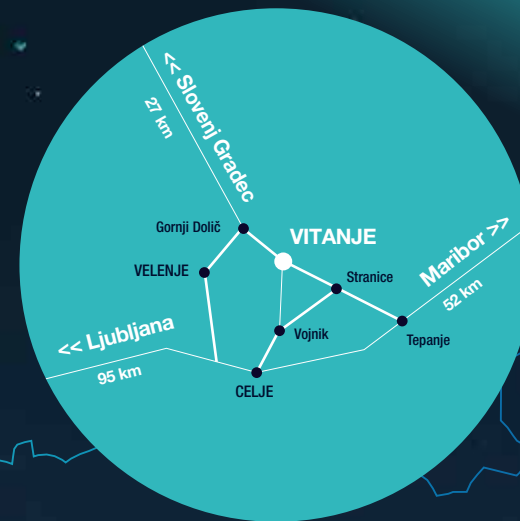
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info@center-noordung.si

fb/NoordungSpaceCenter ig/centernoordung/

# How to reach us:



### From Ljubljana to Vitanje:

exit: Celje center

direction: Vojnik – Nova Cerkev – Socka – Vitanje (95 km)

### From Maribor to Vitanje:

exit: Tepanje

direction: Slo. Konjice – Zreče – Stranice – Vitanje (52 km)



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[www.center-noordung.si](http://www.center-noordung.si)