

This Planetarium Guide you are holding will help you get oriented „here and now“. Discover what we have prepared for you!

### •• Spherical Theater

Take a look at the current night sky before each show.  
Enjoy fulldome shows.  
Let yourself be fascinated by music under the stars.

### •• Public Observatory

Watch the Sun during the day (recommended for schoolchildren together with our show).  
Night sky observations presented live by our experienced telescope demonstrators!

### •• Lecture Hall

We screen films on natural sciences.  
We present popular science lectures.  
We teach the basics of astronomy in the Astronomy Course for children and adults.

### •• Interactive Exhibits

Explore exhibitions dedicated to stars, planets, Earth science, light and its properties and to spaceflights. Captions can be found at each exhibit but do not hesitate to ask our guides if you have any questions.

### •• Lab

Astrogames and Robogames.  
Build and test your own robot.

### •• Galerie Mira

Temporary exhibitions dedicated to arts and science.

### •• Amphitheater

Become a sundial shadow!  
Learn the constellations of the night sky and watch interesting space objects.

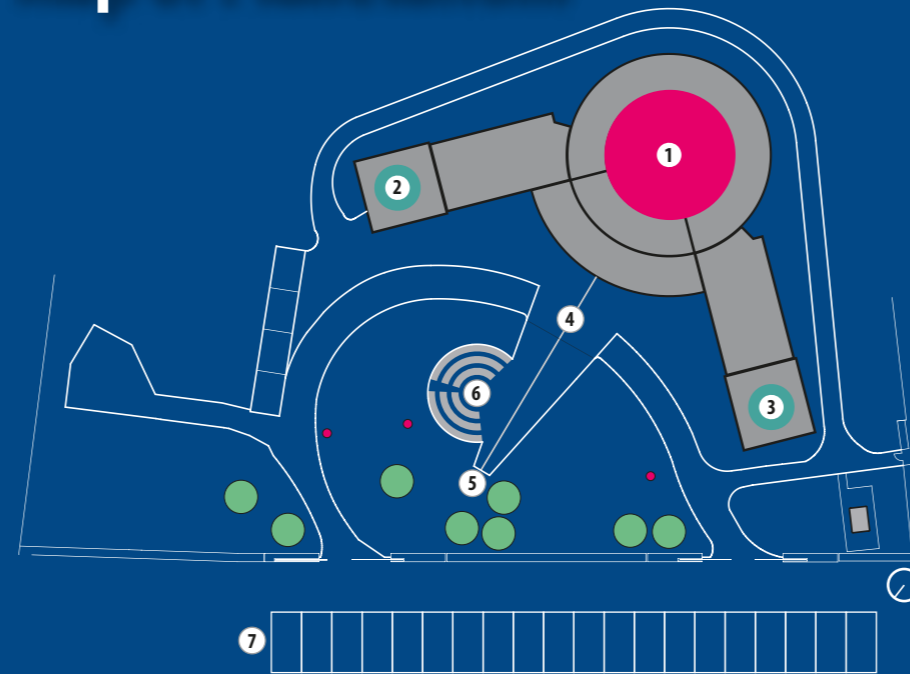
### Once upon a time...

- 1980 the observatory and planetarium was founded as part of the Mine Surveying Institute at VŠB-Technical University of Ostrava
- 1994 the Mine Surveying Institute was formally shut down, the observatory and planetarium became part of the Institute of Geodesy and Mine Surveying at the Faculty of Mining and Geology
- 2000 the name changed to the Johann Palisa Observatory and Planetarium
- 2010 stereoscopic (3D) dome projection was used in our planetarium for the first time in the Czech Republic for general public shows
- 2012 modernization of the planetarium site, the EU funded project „Space Gate“
- 2014 the site re-opened under a new name - Planetarium Ostrava
- 2018 The Ostrava Planetarium was removed from the Department of Geodesy and Mining Surveying and became an independent workplace of the Faculty of Mining and Geology
- 2020 acquisition of a more modern, higher resolution planetarium projection system and digital planetarium software upgrade
- 2022 total reconstruction of the Lecture Hall

Planetarium Ostrava is part of the Faculty of Mining and Geology at VŠB – Technical University of Ostrava.

VŠB TECHNICKÁ | HORNICKO  
UNIVERZITA | GEOLOGICKÁ  
OSTRAVA | FAKULTA

## Map of Planetarium



- 1 Spherical Theater
- 2 Public Observatory
- 3 Observatory
- 4 Meridian
- 5 Sundial
- 6 Amphitheatre
- 7 Perpendicular Parking
  - Trig Point

## Our Address

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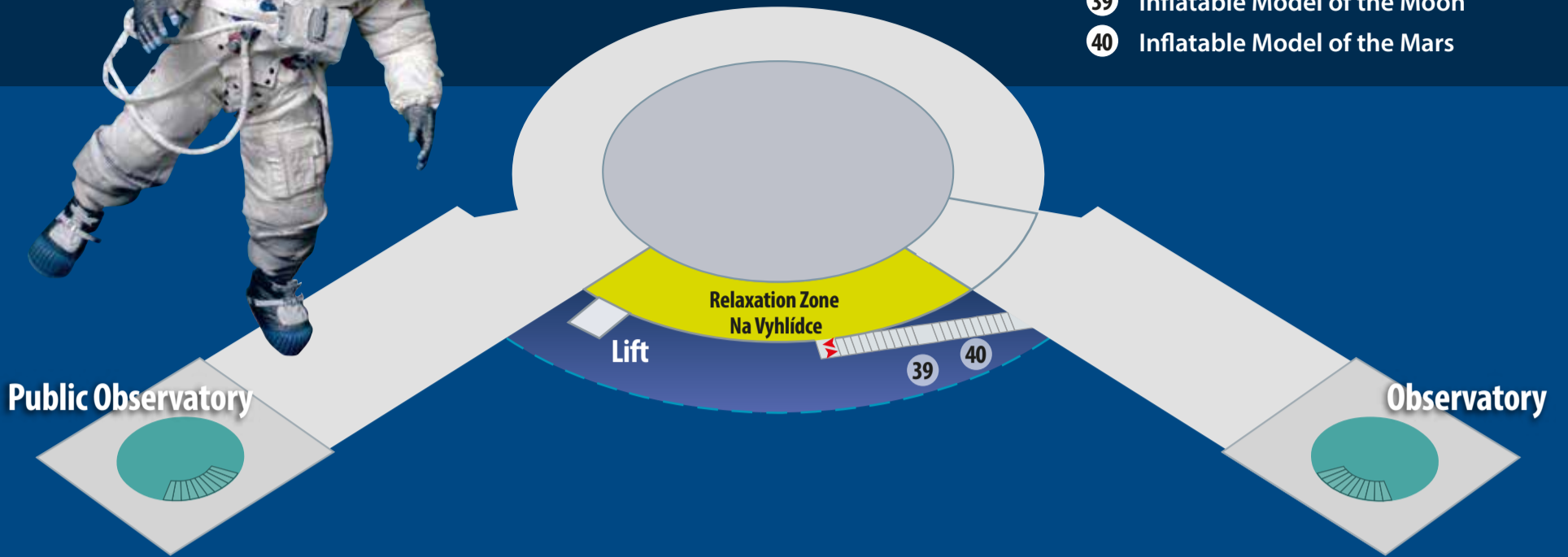
PLANETÁRIUM  
OSTRAVA

# Guide

# Level 3



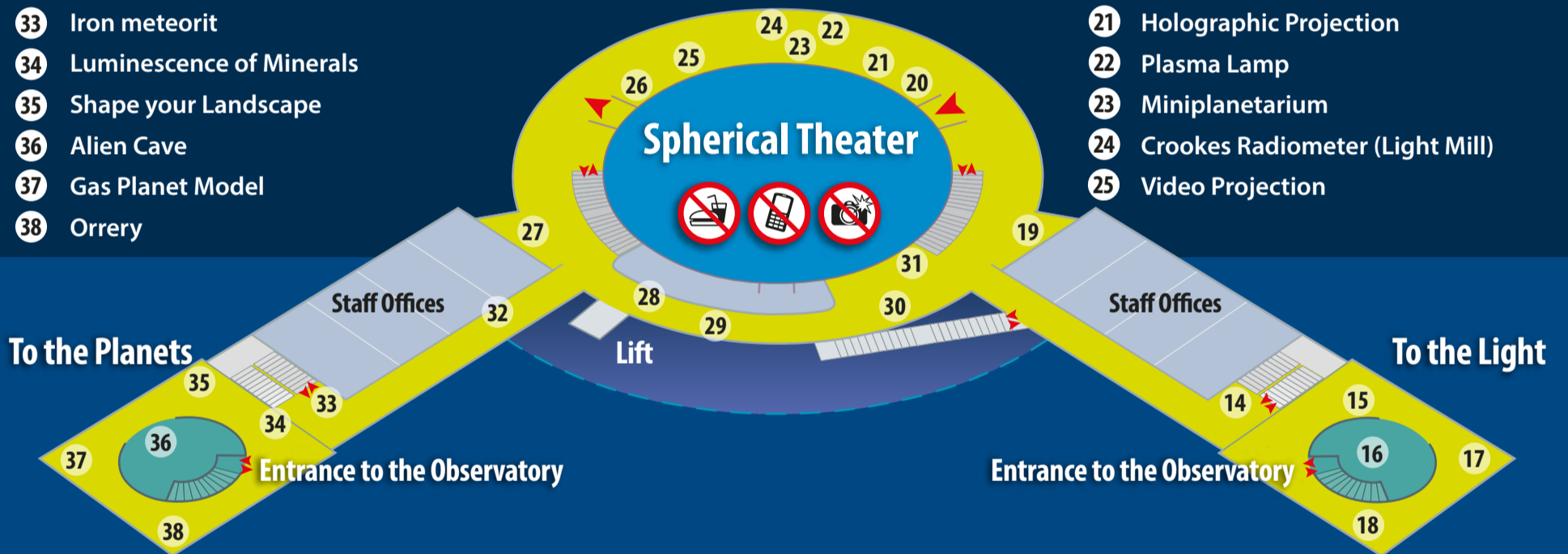
- 39 Inflatable Model of the Moon
- 40 Inflatable Model of the Mars



# Level 2

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- 28 Map of the Moon
- 29 Models HST, Columbia, Saturn 5
- 30 Green Screen
- 31 Spacesuite
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- 33 Iron meteorit
- 34 Luminescence of Minerals
- 35 Shape your Landscape
- 36 Alien Cave
- 37 Gas Planet Model
- 38 Orrery

- 14 Astronomical Telescope
- 15 Spectra
- 16 Mirror Maze
- 17 Thermal Vision
- 18 Polarization of Light
- 19 Flight Simulator
- 20 Clod Chamber
- 21 Holographic Projection
- 22 Plasma Lamp
- 23 Miniplanetarium
- 24 Crookes Radiometer (Light Mill)
- 25 Video Projection



# Level 1

- 8 Transverse Wave Machine
- 9 Seismograph
- 10 Tsunami
- 11 Earthquakes Measuring
- 12 Mars Rover
- 13 Interactive Globe

- 1 Magion Satellite Model
- 2 Models of Missile Complexes
- 3 Foucault Pendulum
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- 6 Tektites
- 7 Longitudinal Wave Machine

