

In your hand you are holding a map of Planetarium Ostrava which will help you navigate „here and now“.

### • Spherical Cinema

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

### • Public Observatory

Telescope tour and Sun-watching is an ideal complement to school programmes.  
Night-time observations presented live by our experienced guides.

### • 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 Exposition

According to the plan you can go through the exhibits yourself: To the Stars, To the Planets, To the Light, To the Orbit and Into the Earth's Deep. Captions can be found at each exhibit but do not hesitate to ask our guides if you have any questions.

### • Classroom

Astrogames and Robogames.  
Build and test your own robot.

### • Gallery Mira

Exhibitions of photographs and works of art.

### • Amphitheatre

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

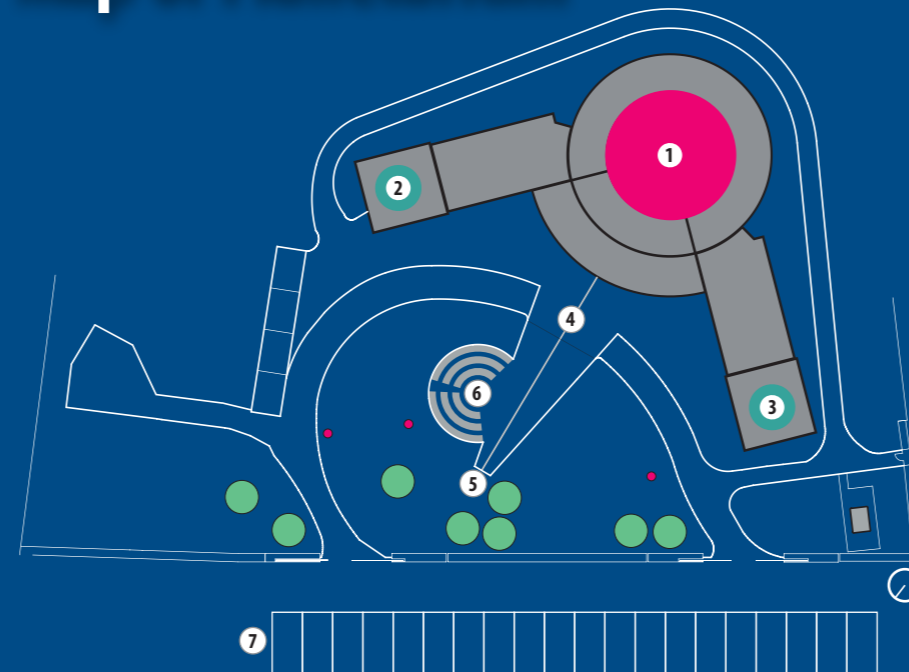
### As time went on...

- 1980 the observatory and planetarium was founded as part of the Mine Surveying Institute at VSB-Technical University of Ostrava
- 1994 the Mine Surveying Institute was formally dissolved, 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 for the first time in the Czech Republic a stereoscopic (3D) dome projection was used in our planetarium for general public shows
- 2012 modernization of the planetarium premises new projection system including
- 2014 the premises re-opened under a new name - Planetarium Ostrava
- 2018 Planetarium Ostrava was removed from the Department of Geodesy and Mine Surveying and became an independent workplace of the Faculty of Mining and Geology
- 2020 acquisition of a more modern projection system with higher resolution and digital planetarium software upgrade
- 2022 general reconstruction of the Lecture Hall
- 2024 installation of a new telescope with a mirror diameter of 0,61 m
- 2025 45th anniversary of the opening of the planetarium

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



# Map of Planetarium



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

## Where to find us

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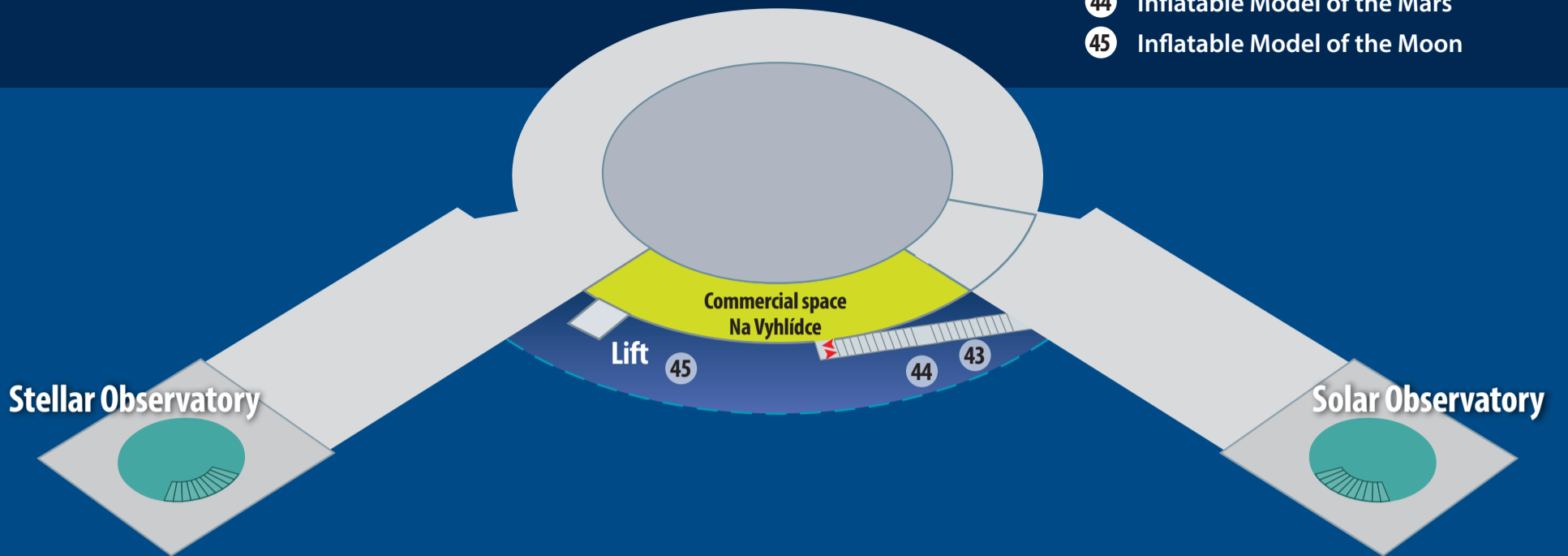


PLANETÁRIUM  
OSTRAVA

# Guide

# Level 3

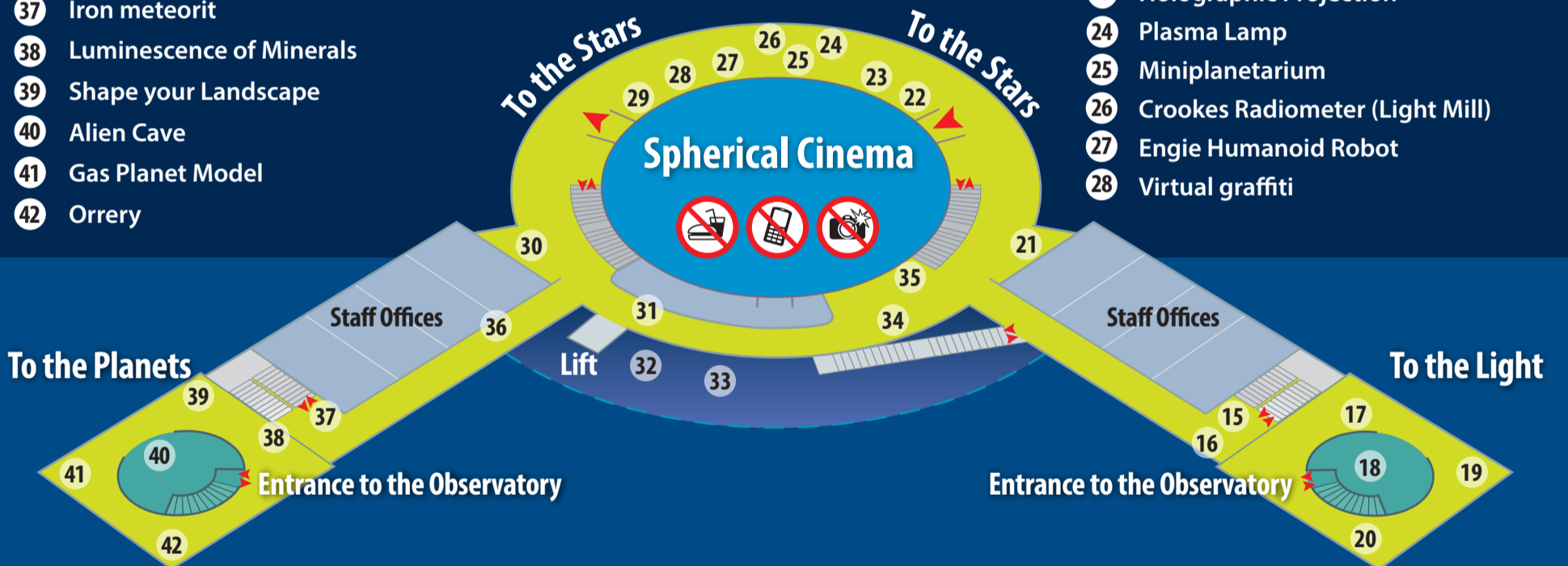
- 43 Inflatable Model of the Jupiter
- 44 Inflatable Model of the Mars
- 45 Inflatable Model of the Moon



# Level 2

- 29 Tornado
- 30 Gravitational Well
- 31 Map of the Moon
- 32 Models JWST, HST
- 33 Models Columbia, Saturn 5
- 34 Green Screen
- 35 Spacesuite
- 36 Meteorites
- 37 Iron meteorit
- 38 Luminescence of Minerals
- 39 Shape your Landscape
- 40 Alien Cave
- 41 Gas Planet Model
- 42 Orrery

- 15 Astronomical Telescope
- 16 How a Telescope Works
- 17 Spectra
- 18 Mirror Maze
- 19 Thermal Vision
- 20 Polarization of Light
- 21 Flight Simulator
- 22 Cloud Chamber
- 23 Holographic Projection
- 24 Plasma Lamp
- 25 Miniplanetarium
- 26 Crookes Radiometer (Light Mill)
- 27 Engie Humanoid Robot
- 28 Virtual graffiti



# Level 1

- 8 Transverse Wave Machine
- 9 Seismograph
- 10 Tsunami
- 11 Earthquakes Measuring
- 12 Rising Seas and Oceans
- 13 Earthquake Plateau
- 14 Interactive Globe

- 1 Magion Satellite Model
- 2 Models of Space Technology
- 3 Foucault Pendulum
- 4 Solar Oven
- 5 Basic Rock Types
- 6 Tektites
- 7 Longitudinal Wave Machine

