

The background features a gradient from green at the top to blue at the bottom. It is decorated with various circular and semi-circular patterns, some resembling gauges or scales with numerical markings (e.g., 160, 170, 180, 210, 220, 230, 240, 250, 260). There are also faint circular arrows and dotted lines scattered across the scene.

# THE GREATEST SLOVENIAN INVENTORS

SLOVENIA, PRIMARY SCHOOL ANTON INGOLIČ

ZARJA KOREZ, PETAR MRDOVIĆ, ANA GOLOB

# INVENTOR AND ROCKET ENGINEER

- **JANEZ PUCH \*1862 †1914**
  - started as a locksmith
  - won recognition as an inventor
  - opened a factory in Graz and asserted himself as the manufacturer of motorcycles
  - patented the system for engine lubrication, the invention for adjusting a spark ignition
- **HERMAN POTOČNIK NOORDUNG \*1892 †1929**
  - senior naval officer in the Austro-Hungarian Empire Navy
  - after his father's death, he moved to Maribor to his grandmother; he was educated in Vienna, Graz
  - became an engineer, a specialist in rocket technology
  - dedicated last years to exploration and study of the universe
  - known for:
    1. the idea of Geostationary satellite
    2. Problem of Space Travel (book)
    3. The Rocket Motor (book)
    4. Space station plan

# SEISMOLOGIST, INVENTOR AND AIRMAN

- **ALBIN BELAR \* 1864 †1939** - set up the first seismic station in Slovenia
  - invented and made a pocket radio in his workshop
  - also known for devices for measuring an earthquake, he called them "tremomer"
- **EDVARD RUSJAN \*1886 †1911**
  - first flight to Male Rojce (1909)
  - built an airplane EDA1 with his brother
  - airport in Maribor is named after him
  - first airman in Slovenia
  - in 1911, Edvard's last flight tragically ended in a plane crash near Belgrade, Serbia

# MATHEMATICIAN AND ARCHITECT

- **JURIJ VEGA \*1754 †1802**

- - our greatest mathematician
- a mathematics teacher at one of the schools in Slovenia
- competition for young mathematicians was named after him and his picture was on the banknote for 50 SIT (old Slovenian currency-tolar)
- best known for logarithmic tables and that he calculated the number of  $\pi$  to 37 decimals

- **JOŽE PLEČNIK \*1872 †1957**

- - started working with his father in a workshop
- studied in Graz, Vienna
- in 1901 opened an independent architectural studio there
- in 1911 a professor at the Art-Craft School in Prague; in 1921 a teacher in Ljubljana
- Plečnik's plans still decorate our capital city (the Triple Bridge, the National Library NUK, the promenade in Tivoli ...)
- prepared the drawing of the Parliament, which was never built, but was presented in 10 euro cents

# JURIJ (GEORG) VEGA

- A mathematician
- Birth: 1754, Carniola
- Death: 1802, Vienna (Austria)

He calculated the  $\pi$  on 137 fractions (in 1789 Vega broke a world record).

His most important work  
*Treasuries of logarithms.*

Mathematic competition.



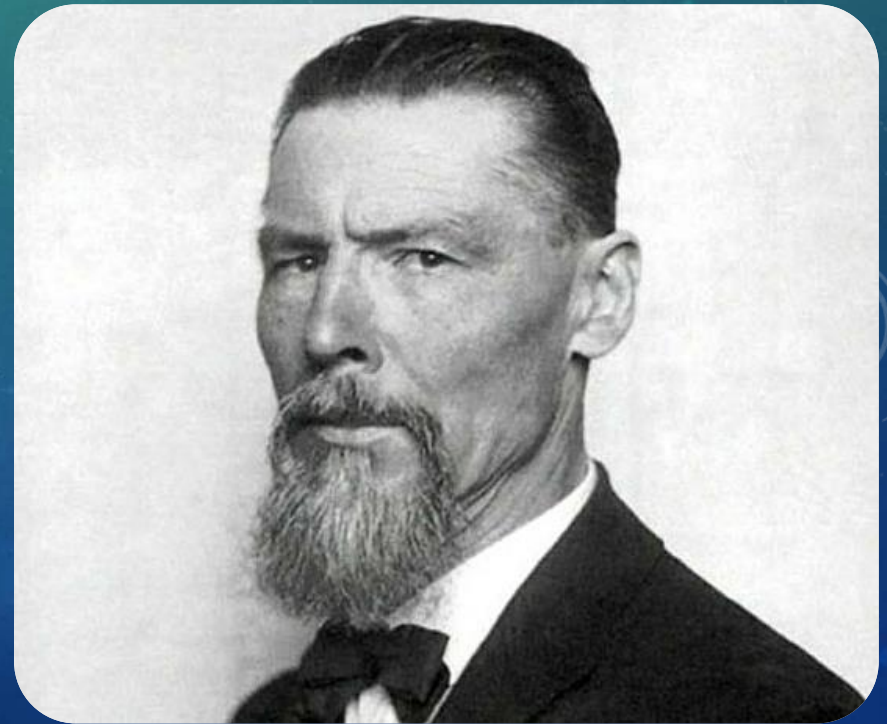
# JOŽE PLEČNIK

- An architect
- Birth: 1872, Ljubljana (the capital of Slovenia)
- Death: 1957, Ljubljana



## HIS WORKS:

- Church of the Most Sacred Heart of Our Lord in Prague
- National and University library in Ljubljana
- The Triple bridge in Ljubljana



# HERMAN POTOČNIK NOORDUNG

- A rocket and a space engineer
- Birth: 1892, Pula (Austro-Hungarian)
- Death: 1929, Vienna (Austria)

He suggested to build a space station in the shape of a spinning living wheel (Wohnrad).

His plan for the space station was a draft for the ODESSEY 2001 movie .

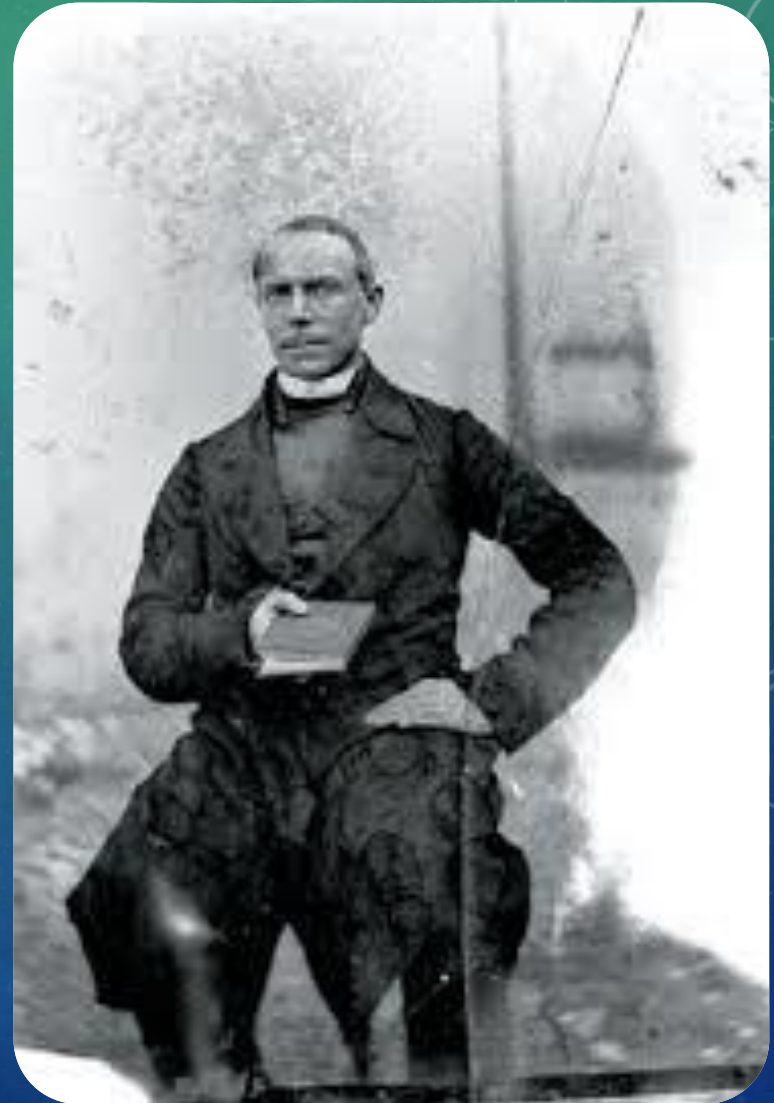
KSEVT Vitanje



# JANEZ AVGUŠTIN PUHAR

- A photographer, a painter and a poet
- Birth: 1814 Kranj (Slovenia)
- Death: 1864 Kranj

He invented a process for making photography on glass, "hyalotipia" or "puharotipija" - photography on glass.





# JANEZ PUH (JOHANN PUCH)

- An inventor, a mechanic
- Birth: 1862, Jurišinci (Slovenia)
- Death: 1914, Zagreb (Croatia)

He managed to produce a motorbike, developed 21 different automobile types.

