

# Did you know ... ?

## Kepler as optician

In addition to astronomical research, our patron-Johannes Kepler, conducted research in the field of optics and he improved the lenticular Galileo telescope. In his work "Astronomiae Pars Optica" Kepler concluded that the light intensity is inversely proportional to the square of the distance from the source and posted his rights on reflection of light. He also introduced the mechanism of viewing process and he suggested that the image formed on the retina is inverted, what was later confirmed by the neurologists.

Kepler lived and worked in the years 1628-1630 in a city just 44 km from Zielona Góra. What was the name of the city? - question for you to solve at Kepler's Science Centre – Venus Planetarium.

## The Great Pacific Garbage Patch

What is the Great Pacific Garbage Patch?

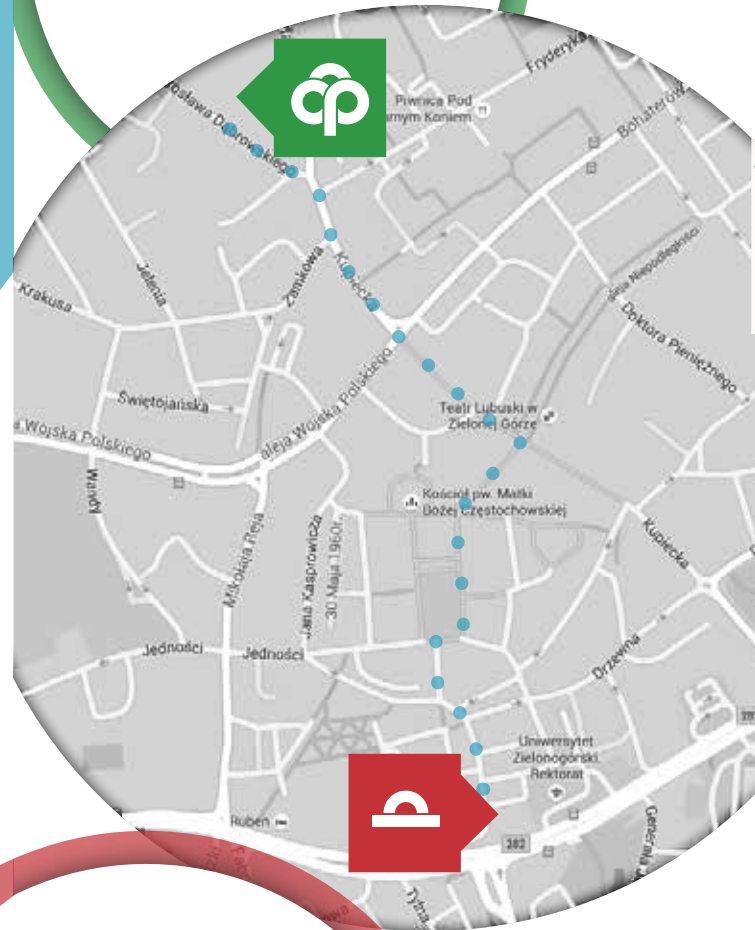
Where do three Pacific Ocean Currents cause the accumulation of giant floating garbage islands of 3,5-100 million tons of garbage?

Which state of the United States is affected by all this garbage and what does the model of Great Pacific Garbage Patch drifting around the Pacific Ocean look like?

You will get to know the answers in Kepler's Science Centre – Nature Centre.

## Centrum Przyrodnicze

14 gen. J. Dąbrowskiego str.  
65-021 Zielona Góra  
tel. +48 660 481 635



## Planetarium Wenus

10 gen. W. Sikorskiego str.  
65-454 Zielona Góra  
tel. +48 693 891 680

Use our Explorer's Ticket (Bilet Odkrywcy), get discount and visit both Planetarium Venus and Nature Centre on one day.

Details at our ticket offices.



## Kepler's Science Centre

in Zielona Góra



## Venus Planetarium

is situated in the building of the former "Wenus" cinema, hence its name. Our main feature is the planetary hall with the mobile unique full dome which angles towards the audience. This can be adjusted, if necessary. The dome is one of only three of this type of construction in the world. Films on astronomy and a wide range of sciences, as well as live sky shows can be projected on the 10 metres tall dome.

The astronomic exposition in the lobby is equipped with a multimedia projection system for the spherical screen. This features information on the Solar System and meteorites, as well as the famous astronomer - Johannes Kepler who is the patron of our Science Centre. On the level 1 guests can visit our Optical Laboratory, the so called "Light Cave", which presents experiments connected with optical phenomena that are happening around us every day.

**The universe is closer than you think, you are invited to visit us.**

### Opening times

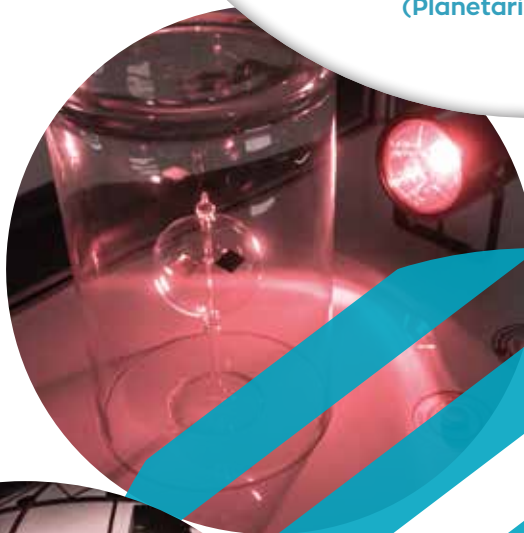
Mondays: closed	Fridays: 8:30 am – 7:30 pm
Tuesdays – Thursdays: 8:30 am – 6:30 pm	Sundays: 10:30 am – 6:30 pm
Saturdays: 10:30 am – 7:30 pm	

[planetariumwenus.pl](http://planetariumwenus.pl)

# Kepler's Science Centre (Centrum Nauki Keplera)

**in Zielona Góra is a modern facility operating within the Cultural Centre of Zielona Góra (ZOK) which popularizes achievements of science, technology and culture.**

**The Kepler's Science Centre has two branches:  
Nature Centre (Centrum Przyrodnicze)  
and Venus Planetarium  
(Planetarium Wenus).**



**we inspire!**

## Nature Centre

is a place which showcases the nature surrounding us and all kinds of processes occurring in the natural environment. We teach with fun and have fun while learning.

The interactive hall presents selected exhibits from physics, biology, geography and other kinds of science, allowing you to carry out your experiments or observations, on interactive stands. You are expected to touch everything and use your senses. Our specialists will provide any help you need. Our Centre organizes also temporary exhibitions, meetings and lectures such as the "Academy of Young Biologists", "Big journeys for less money" and themed events like "Night of the Biologists", "Earth Day" and many others. This includes activities and lectures about nature, for pupils and students.

**There is simply no way to get bored in our Nature Centre.**

### Opening times

Mondays: closed
Tuesdays – Fridays: 9:00 am – 5:00 pm
Saturdays & Sundays: 10:00 am – 6:00 pm



[centrumprzyrodnicze.pl](http://centrumprzyrodnicze.pl)

foto: Magdalena Grondys CARBO MEDIA  
Mariusz Kapala / Gazeta Lubuska