

## Day of Planetaria 2016: March 12th at Astronomical Centre Rijeka

HOUR	PROGRAM	PLACE
	<b>MORNING</b>	
10.00 – 11.00	" <b>Skilled Hands creating the Stars</b> " origami workshop for kids	Outside planetarium
11.00 – 12.00	" <b>The Little Star that Could</b> " planetarium show for kids	planetarium
12.00 – 13.00	" <b>Safari Through the Solar System</b> " "planetarium live show for kids	planetarium
13.00 - 14.00	" <b>Two Small Pieces of Glass</b> " planetarium show	planetarium
	<b>EVENING</b>	
18.00 – 19.00	" <b>Race to the Earth</b> " planetarium show	planetarium
19.00 – 20.00	" <b>Space Missions</b> " planetarium live show	planetarium
20.00 – 21.00	" <b>Mission: Mars</b> " planetarium show	planetarium
21.00 – 22.00	„ <b>Guide to the night sky</b> planetarium live show + after	planetarium
	<b>Laser Guided Sky Tour</b> (depends on the weather)	Outside the Centre
	" <b>Planetarium in the children hands and imagination</b> " exhibition of drawings, posters, models and collage of children and student works	Outside and inside the planetarium
	<b>Cosmic Cycle, B. Mardešić (exhibition)</b>	exhibition hall

### Summary of the program:

The Day of Planetaria 2016 will open with the program dedicated to the youngest visitors of Rijeka's planetarium:

#### **"Skilled Hands creating the Stars" (origami workshop for kids)**

The origami workshop for kids is going to be organised in front of the planetarium entrance in collaboration with "Portić" Association for protection of children rights.

This workshop is especially designed for beginners with a simple task for a single child: create your own star with the help of the skilled volunteers from Association Portić.. Material for the workshop will be provided.

Create your own star and take it home with you! This workshop is an introduction into a new planetarium show for children that will follow right after the workshop.

### **The Little Star that Could (planetarium show for the children)**

The Little Star That Could is a story about an average yellow star on a search for planets of his own to warm and protect. Along his way, he encounters other stars, learns what makes each star special, and discovers that stars can combine to form clusters and galaxies. Eventually, Little Star finds his planets, and each is introduced to audiences along with basic information about the Solar System.

### **Safari Through the Solar System (planetarium live show for the children)**

During an exciting exploration of the Universe, presentation will show the most interesting places of our neighborhood and teach about the basics of the Sun, Earth and rest of the planets. This cosmic safari will show you the end and beyond the Solar System.

### **Two Small Pieces of Glass (planetarium show)**

This film explores the Galilean moons, Saturn's rings, spiral structure of galaxies, and many other discoveries these tools have made throughout the history of astronomy. How does a telescope work? How do the largest observatories in the world use these instruments to explore the mysteries of the universe? 25-minute show ideal for school children and university students.

### **The Race to the Earth (planetarium show)**

This is a fun animated film introducing the empires of Gasmoonia and Karmoonia and unveiling whether the inhabitants of the Moon are going to succeed in the historic adventure of making a space ship and landing it on Earth. Film for preschool and school children.

### **Space Missions (planetarium live show)**

This new program presents the newest spacecraft missions and discoveries. Currently there are spacecraft exploring Mercury, Venus, Mars, and Saturn, as well as a comet and an asteroid. During the presentation the audience will find out news about mission "Messenger" and planet Mercury, Mission "Dawn", spacecrafts "Rosetta" and "New Horizons" as well as the spacecraft and probe "Philae" .

### **Mission: Mars**

This show presents the missions to explore planet Mars. Two rovers, Spirit and Opportunity, have collected data about the red planet and its surface. After the film, educators in planetarium will add new information provided by rover Curiosity.

### **Guide to the night sky (planetarium live show)**

Discover the beauty of the night sky that has inspired poets and guided sailors. Learn how to find the stars and constellations and learn about their legends. **Visitors learn** how to determine direction, latitude and longitude by the position of the Sun and stars.

### **Laser Guided Sky Tour (depends on the weather)**

Put on your jackets and join our educators for an exciting and educational laser guided sky tour. The tour will be held outside the planetarium dome in the park of the Astronomical Centre Rijeka.

### **Planetarium in the children hands and imagination** (exhibition of children and student works)

On the occasion of the Day of Planetaria 2016 at the Astronomical Centre Rijeka will be exhibited drawings, models, collage works and posters beautifully designed by the students and kindergarten children on the occasion of the various visits to Rijeka's planetarium.

### **Cosmic Cycle, B. Mardešić (exhibition)**

Astronomical centre Rijeka presents the permanent exhibition of paintings of artist Boris Mardešić. Born in Croatia in 1922, Mr. Mardešić gained considerable notoriety for his works in Milan in the later 1960's. Today, his paintings, focused on the core themes of energy, light, matter in motion and Universe, can be seen in museums and private galleries around the world. Prior to his death in January 2011, Mr. Mardešić donated three paintings to the Astronomical centre Rijeka. The paintings, „Genesis of Energy“, „Bright Glow of a Dying stars“ and „Newborn Star“, were a part of his „Cosmic Cycle“. The visitors will have the opportunity to see paintings.

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