

Features:

- the largest project of technological culture in Croatia
- the only European astronomy centre located within city bus routes
- the nearest similar centre is as far as in Milan and Vienna

Planning your visit:

From 7 April to 1 June 2009 admission to the Astronomical Centre Rijeka is free.

Public screenings: Tuesday to Saturday at 17 pm and 19 pm.

As seating is limited to 50, bookings are essential. Please contact the booking office by phone on 00385 51 455 700 from 12 noon to 14 pm.



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RIJEKA
SPORT



ASTRO
NOMICAL
CENTER
RIJEKA





A S T R O
N O M I C A L
C E N T E R
R I J E K A

Location:

Sveti Križ Hill (45° 19' 29" latitude N and 14° 28' 59" longitude E), 3 km from the city centre

Area:

545 m² of closed space,
325 m² of open space

Made possible by:

5 architects, 160 workers and
12 technical engineers

Investors:

Rijeka sport Ltd.,
The City of Rijeka



From idea to realisation

The building of the contemporary Astronomical Centre Rijeka was built in 1941 as a military fortress in World War II.

Located in a park with Submediterranean vegetation.

As a result of the initiative and effort of the members of the Academic Association of Astronomy Rijeka and the support of the City of Rijeka, a telescope and a rotating dome were installed in 2001, an act which marked the beginning of the first astronomy observatory in Rijeka.

Astronomical Centre Rijeka is formed by interpolation of the new planetarium into the existing observatory fortress. Such a solution bears a symbolic meaning too. The observatory with the telescope is set within the dome (a real image of the universe) and separated from planetarium set in the geometric shape of a polyhedron (a simulated image of the universe). Both observatory and planetarium are facilities indispensable for better understanding

of the astronomy and the world that surrounds us in its infinite distances.

The Planetarium

Planetarium is a New Latin word for a device that depicted the positions and the motion of the planets around the Sun. Today this word is used for theatres with a brightly coloured dome onto which a complete image of the night sky is projected by digital projectors. The main purpose of the planetarium is to educate and make astronomy and related fields more popular,



but it can also be used as a lecture hall and a venue for various events. Built in 2009, the planetarium hall in Rijeka is equipped with the cutting edge digital technology making it possible to experience a simulated, as well as an accurate image of the universe. Digital system of five projectors can display 118 000 stars, the Sun, the Moon, planets, the Milky Way and other objects in the heavens, various images and films. The projectors enable the observation of the night sky at any point in time and from any point on Earth.

The Observatory

The observatory is a scientific institution equipped with astronomical instruments and devices for observing and studying the celestial objects and astronomical events.

The observatory contains the astronomical telescope MEAD LX 200, CCD camera, computers and other portable astronomical equipment which allows both professional and educational

activities to be carried out. The Rijeka Observatory enables watching the Sun, the Moon, planets of the solar system, closer changeable stars, smaller bodies (e.g. comets, asteroids), as well as galaxies and nebulae.

