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Aurelium

EXPERIENCE SCIENCE CENTRE

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**...place where you can
touch science...**



SCIENCE CENTRE - AURELIUM

In recent years the public interest in science and technology has grown. The target group is mainly young people who are about to decide on their future professions. In many scientific and technical museums interactive demonstrations of physical and technical phenomena are often requested, it allows a better understanding of presented principles in an amusing and entertaining way.

Our company, thanks to its experience in the field of natural sciences and teaching techniques, developed and manufactured various models and exhibits in Experience Science Centre - Aurelium situated in Bratislava, capital city of Slovakia.

The idea of the Science Centre is based on the belief that everyone learns with his own experiences. Therefore, it tries to give all visitors the opportunity to try everything and to find out how the things work.



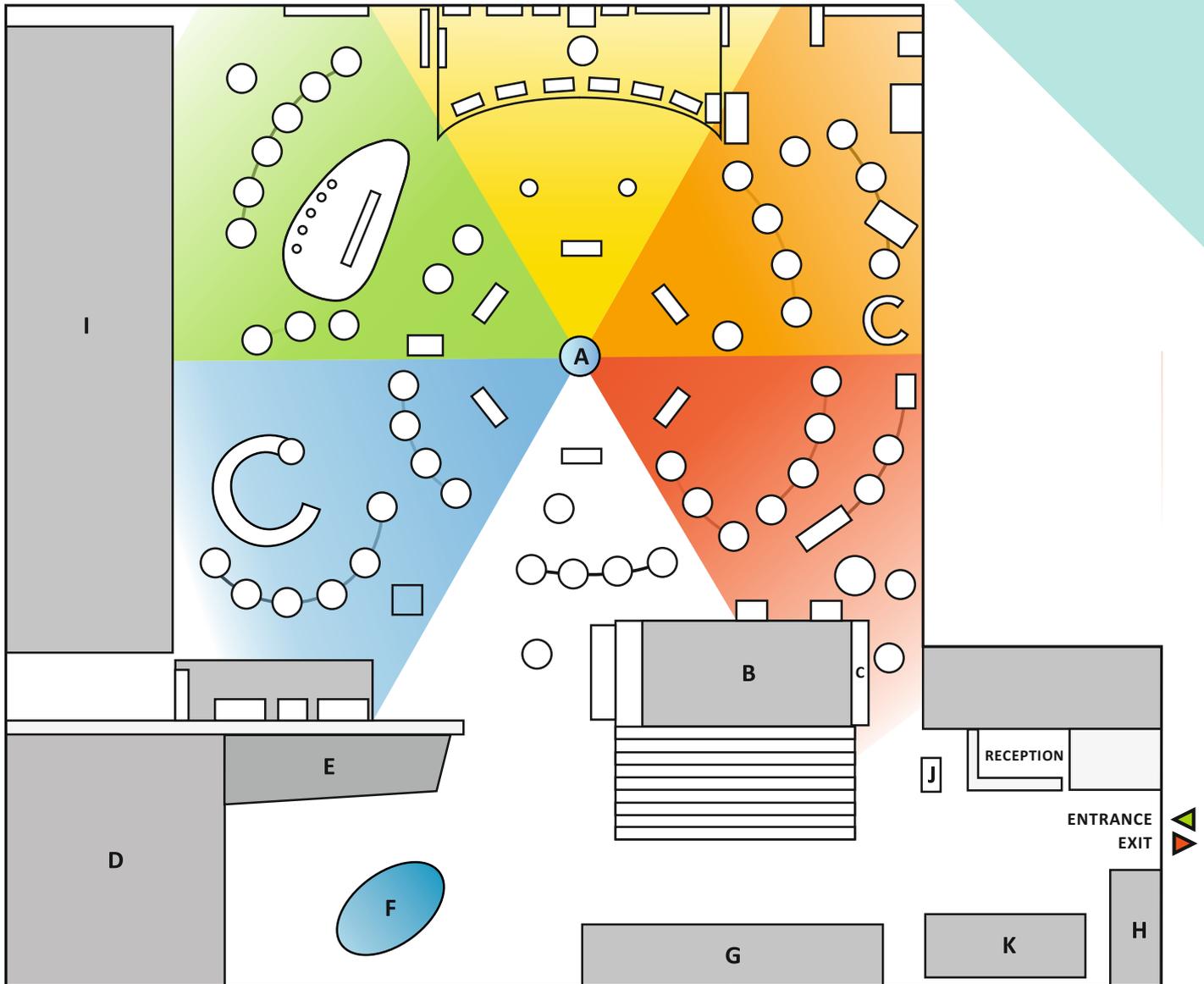
VISUALISATIONS OF SCIENCE CENTRE



REAL VIEW



EXHIBITION PLAN



▲ MECHANICS

▲ ELECTROMAGNETISM

▲ WAVE, LIGHTS, OPTICS

▲ HUMAN AND EKOLOGY

▲ CHEMISTRY

▲ MATEMATICS

A. ISLAND OF LIFE - PILLARS OF SCIENCE

B. ACOUSTIC LAB

C. SMART CITY

D. 3D CINEMA

E. ROBOTS AND ART

F. FLYING POWER STATION

G. 3D MAPPING

H. TESLA WORLD

I. AUTOMOBILES MATADOR

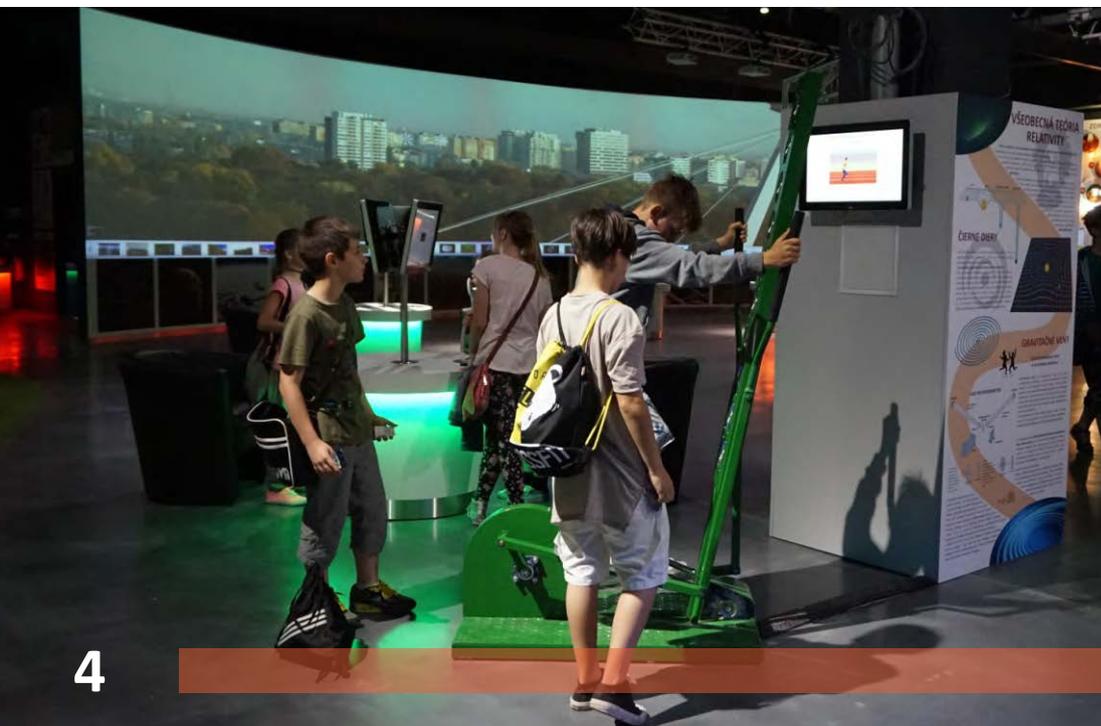
J. 3D IMPRINT

K. RELAX ZONE



MECHANICS

- Curie engine
- energy transmission
- momentum
- perpetuum mobile
- Bernoulli ball
- build a bridge



ELECTROMAGNETISM

- basics of electromagnetism
- how information is transmitted
- light sources
- the Morse code
- magnetic field lines



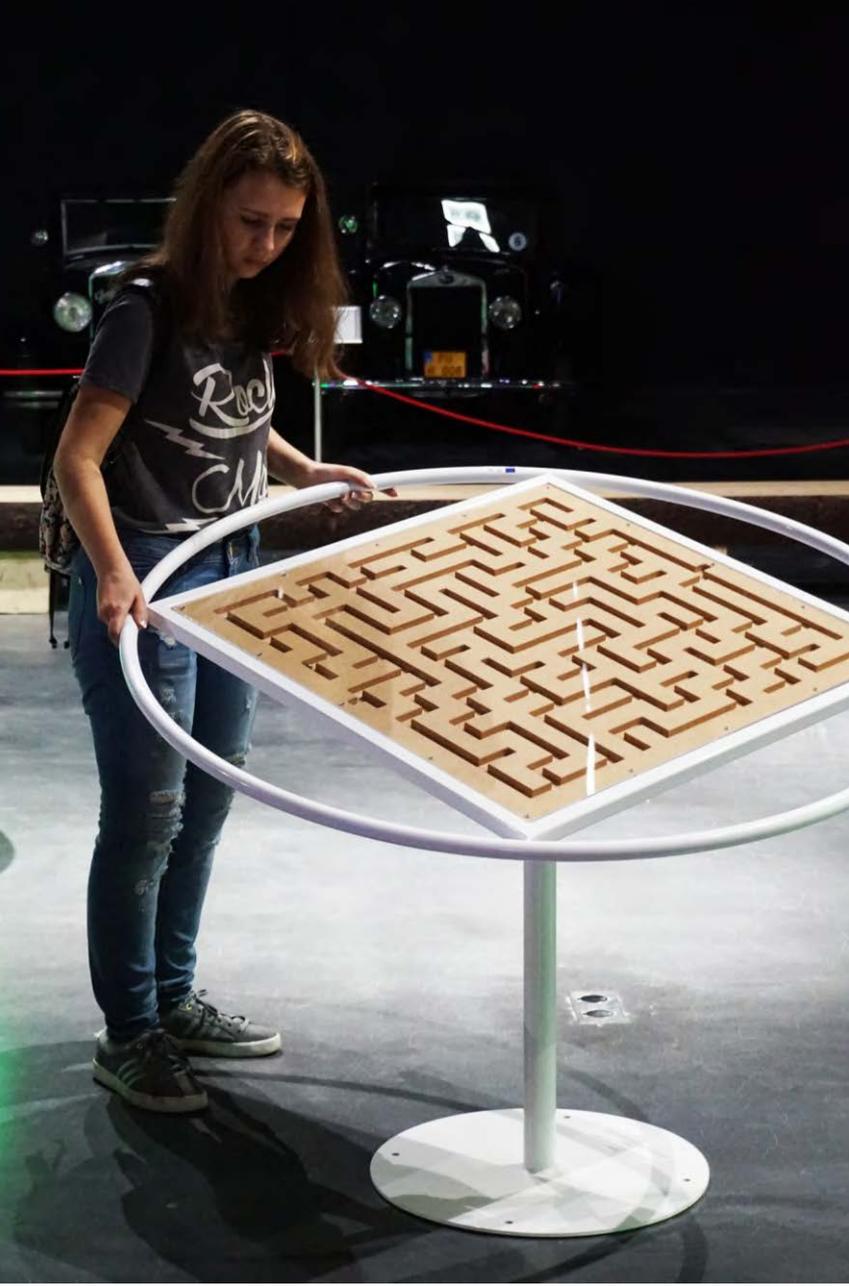
WAVES, LIGHT, OPTICS

- dispersion of light
- colours
- geometric optics
- holography
- drawing with light
- spectroscopy



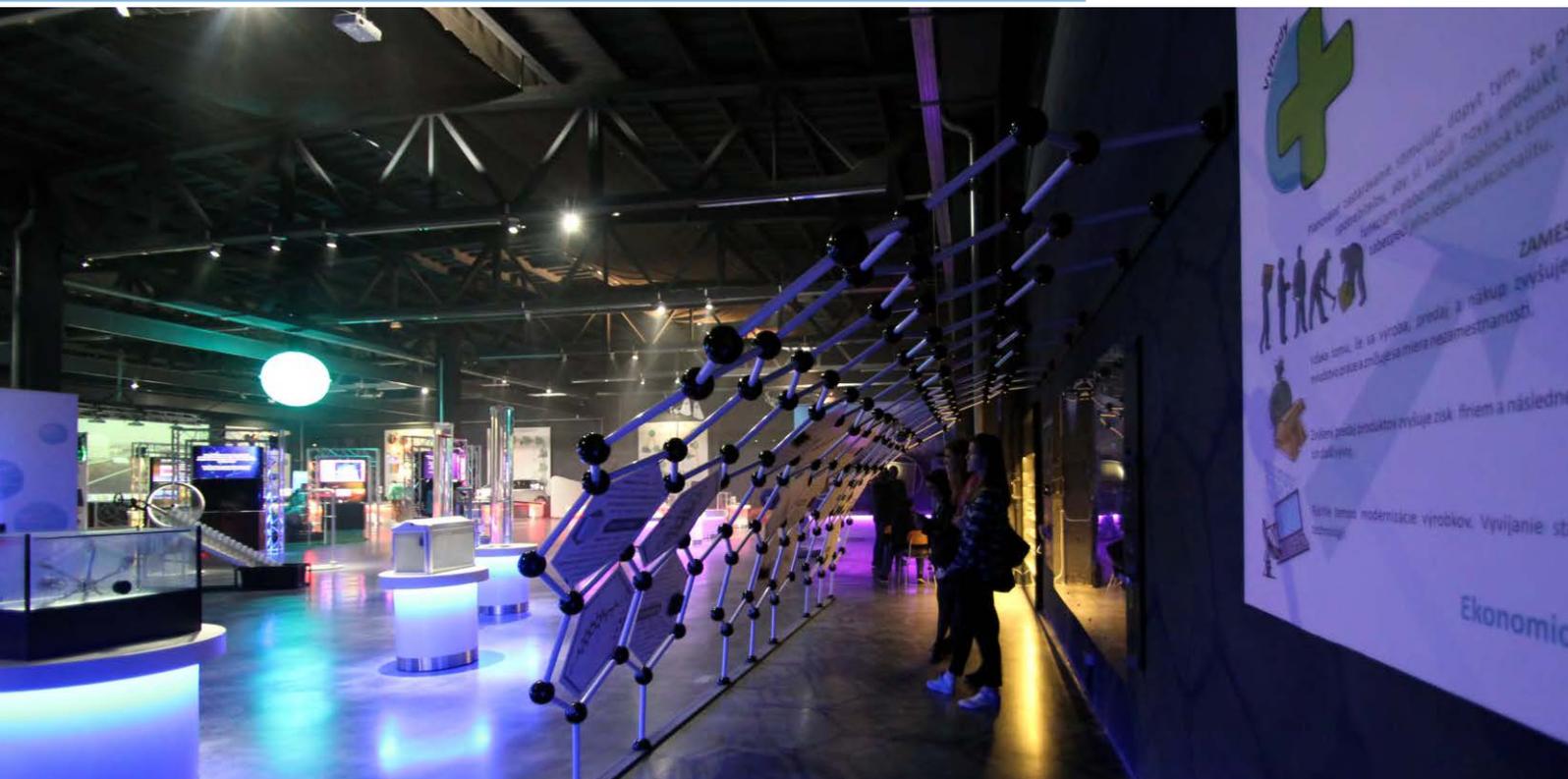
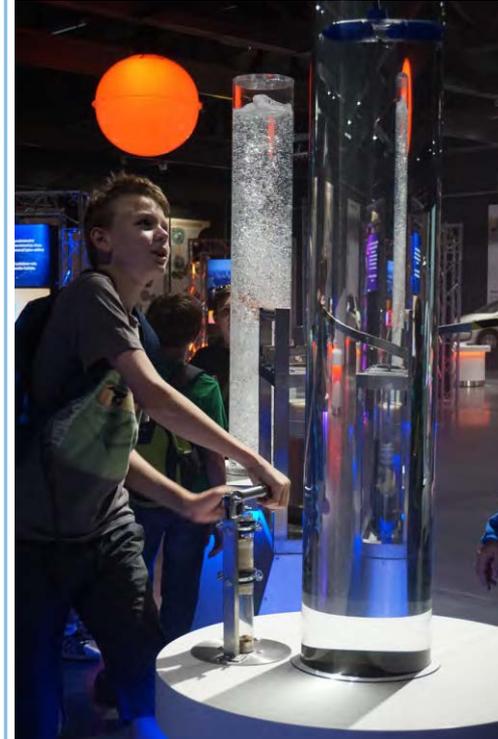
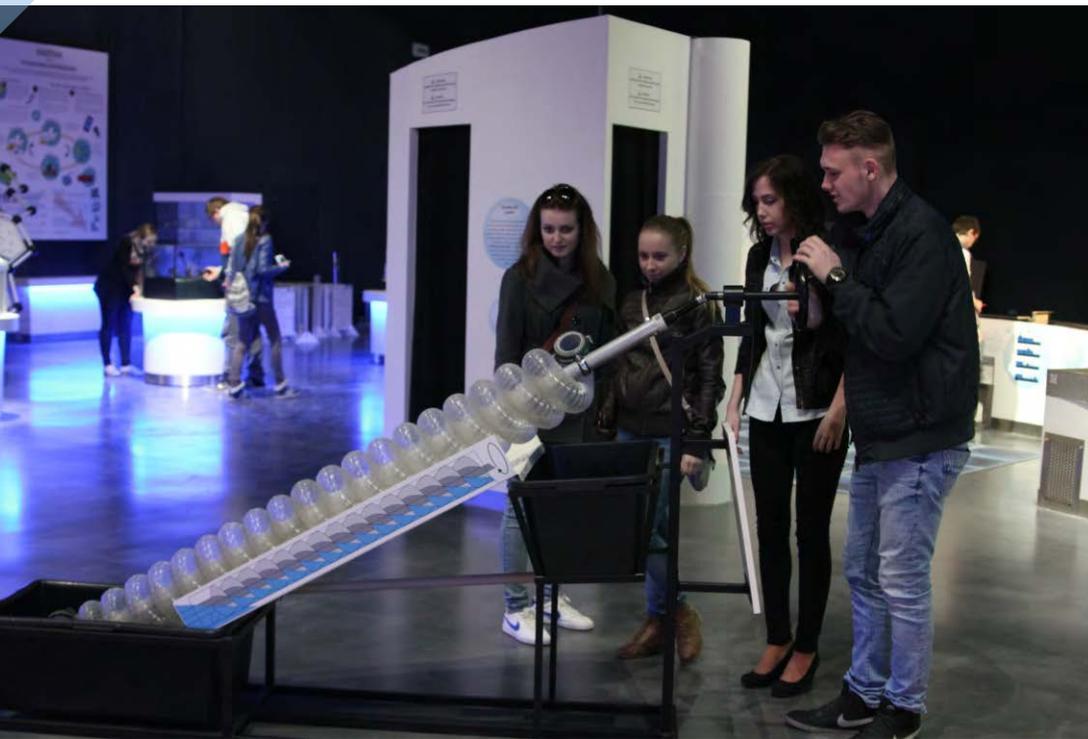
HUMAN AND ENVIRONMENT

- reflexes meter
- acumen meter
- mysterious world of forest
- wind energy, solar energy



CHEMISTRY AND WATER WORLD

- oil products
- water world
- strange materials
- world of minerals
- submarine



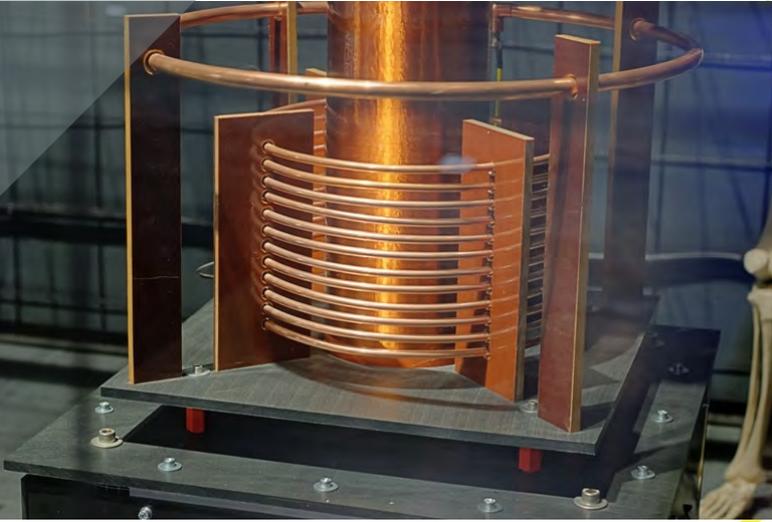
MATHEMATICS AND BASIC PHYSICS PHENOMENA

- kinematics
- equilibrium in physics
- funny logic, brain teasers
- chaotic pendulum

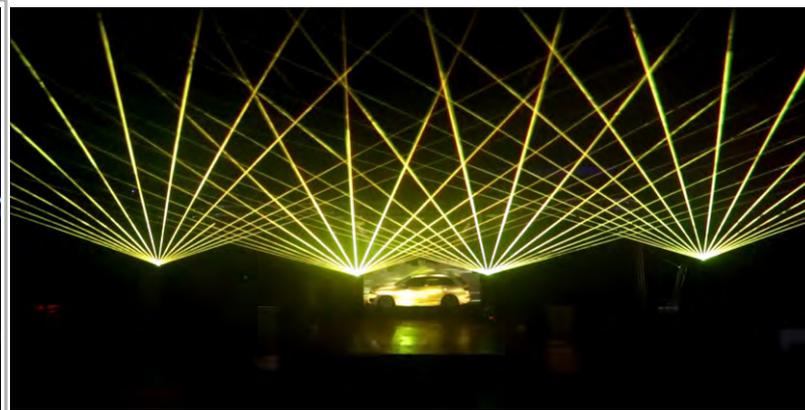


TESLA WORLD

- construction of Tesla coil
- Jacob's ladder



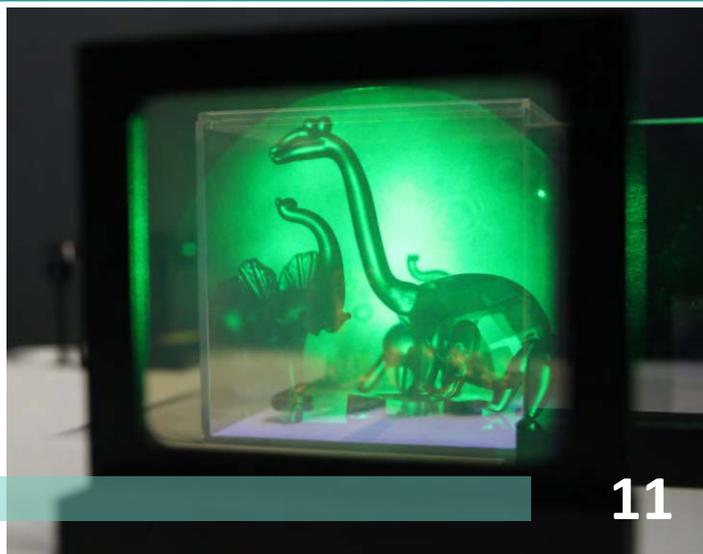
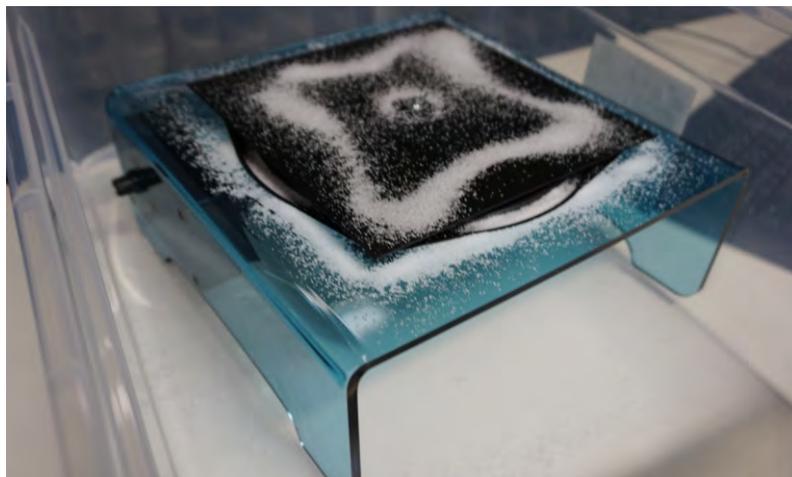
3D MAPPING AND LASER SHOW



Manufacture of scientific models and exhibits

- Development, production, installation and service of exhibits for interactive science parks.
- Complete solutions for designated area or supply of individual exhibits based on customers choice.
- Offer of exhibits in fields of mathematics, practical physics, mechanics, electrotechnics, microcopy, nature, chemistry, energy and many others.
- Inspired by Technologies from world's most famous scientists, inventors and explorers.
- Funny, educational, esthetic, safe and durable.
- Materials, design or size can be adjusted to customer requirements.
- Integrated hardware solution for interactive presentations.
- Attractive prices and delivery times.
- Offer of exhibits in fields of mathematics, practical physics, mechanics, electrotechnics, microcopy, nature, chemistry, energy, laser technology, optical illusions, waves, optics, hydraulics and many others.

For more information or references, do not hesitate to contact us!



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Kvantium



This project was realized for Slovak Centre of Scientific and Technical Information (SCSTI) in cooperation with

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