



# SCIENCE AND TECHNIQUE IN THE STREET

## *Demo Experiments and physical contest*



In two days 22. - 23. 9. took place in Pilsen an exhibition "science and technique in the street". It concerned an untraditional exhibition, which presented the exhibits directly in the streets and public areas. The science came with playful and enjoyable form to the people. Everyone could touch individual mechanisms and device with own hands. The broad public had so the possibility in nontraditional form, the scientific laws, new technologies, of learning products or experiments.

The goal of this meeting is to be described the science as main factor of the society development and to be popularized at the same time it under the young person, so that the young people of a fear of the study the technical fan do not have.

One of the seven departments of the university, which in the meeting "science and technique in the street" took part, was also the department of general physics. It presented itself in four tents in the environment of the West Bohemian museum. In two tents around the clock the demonstration experiments, which demonstrated graduate students of the teaching profession, ran. The spectators tried also, how is it to be a fakir and uncovered its secret. Several times also experiment was demonstrated to emergence of the nuclear chain reaction in the atom bomb. Model functioned, with the connection of two sub critical quantities the bomb exploded. Very interesting attempts with the liquid nitrogen one could see each 90 minutes. In the third tent became over small prizes into physical 4 in a row and in search for proverbs in the physical terminology competes. In the last tent many interactive experiments and the spectators were could everything try for the order. Components of this tent were also optical corner with large quantity of optical deceptions and 3D-Projektion, which ran five times per day. It was there the whole row of spatial images from Mars and lunar surface to see in addition, from American national park. The visitors could by means of the newest photographs of the probes Spirit and Opportunity detail the Mars surface to examine and for one while astronaut become at least.



A	X	C	Č	D	E	F	G
H	CH	O	J			M	N
O	X	O	O			T	U
V	W	X	X			C	Č
D	E	F	G	H		I	J
K	L	M	N	O	P	R	Ř
S	Š	T	U	V	W	X	Z

### Questions:

- A: A space traveller
- B: There is no escape from this space subject
- C: The ferryman to the Dead realm who is also a moon
- D: They have many colours in space, but in gardens they are usually made of gypsum
- E: The loosing of particles with a space expedition
- F: The most popular school subject
- G: A culinary branch including teaching about space
- H: The form of energy
- I: Robbed atom
- J: The SI unit of work
- K: Famous astronomer who was burned to death
- L: A room for experiments
- M: The love for iron
- N: Famous physicist whom felt a pome on the head
- O: Obese oxygen that saves us against UV rays
- P: There are running around the Sun already only eight of them
- R: Every action provokes it.
- S: Lord of the Rings of the Solar System
- T: You can neither stop it nor corrupt it.
- U: The eyesight of bats.
- V: Empty space
- W: A Newton multiplied by a meter and divided by a second
- X: An old name for a photocopier
- Y: 8760 hours
- Z: In Greek it means circle of animals, in English it is...

We are looking forward to seeing you in Pilsen on another exhibition "Science and technique in the street" on 14. – 15. and 21. – 22. September 2007.

