A WAY HOW THE INTEREST IN STUDYING PHYSICS AND TECHNOLOGY CAN BE INCREASED

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Abstract

If the teaching process is changed using experiments, information and communication technologies (ICT), interactive lecture, more children like the natural sciences subjects in comparison with normal class work. And this is the basic way how to build in the students a positive relation to the future study of physics and technology – to inspire and to motivate young people to be interested in science. One of the innovating learning activities of pupils is the Children’s University. The purpose of the Children’s Universities is to awaken the interest and the enthusiasm of children and young people, to increase knowledge about science and to promote the interest in science, to improve face to face contact of children and scientists. In order to enhance the existing Children’s Universities and then further growth throughout Europe, the EUuvoNET (European Children’s Universities Network) has been established this year. Other possibility to increase the interest of students in studying physics is to apply non traditional lecture forms using ICT.

This poster informs about the ‘holiday studying’ organized during the summer holiday at the Faculty of Electrical Engineering at the University of Žilina in Žilina and Liptovský Mikuláš by the university educationists.

The aim of our work

How did we realize it?

At the University of Žilina in Žilina and the detached workplace of Faculty of Electrical Engineering in Liptovský Mikuláš, on playgrounds, in airport, in town halls in Žilina and Liptovský Mikuláš.

During 5 workdays from 8 a.m. till 4 p.m., once a year during a week in summer.

At the University of Žilina in Žilina and the detached workplace of Faculty of Electrical Engineering in Liptovský Mikuláš, on playgrounds, in airport, in town halls in Žilina and Liptovský Mikuláš.

Every year at the end of the Children’s university of Žilina children answered several questionnaire forms of questionnaires [1, 3].

Selected results


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Conclusions

The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators. The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators. The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators. The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators. The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators. The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators. The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators. The pupils, students, and even general public love and remember both the best demonstrations and the best demonstrators.

Acknowledgement

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References


Why do children like the children’s university?

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Polling Information:
1. years of realization: 2005 - 2009
2. total number of respondents: 699
3. “little bachelor” (age 10 - 11): 158
4. total number of questions 21

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