

Take a workshop to your country

Report from France

France, Le Creusot 71200 - Dijon academy, 3rd and 4th of April 2014

Presenting teacher:

Ambrož Demšar (Slovenia) – Project: Water Drop Projector

Regional Contest C'genial (Burgundy) and International Workshops

Academy of Dijon invited teachers from abroad (Spain, Belgium, Italy, Switzerland and and me from Slovenia) to take part in workshops and science fair at regional Burgundian contest C'Genial.

The first day (3rd of April) teachers from abroad presented our projects and workshops at Lycee Leon Blum (Le Creusot) in front of students and their teachers. In the evening we installed our stands in Congress Hall Alto (Le Creusot).



Second day (4th of April) 12 colleges and 6 primary schools (315 students total) from the Burgundy region (France) took part at contest C'genial with presenting their research projects on a wide variety of topics, many of them were multidisciplinary. The best project (Toroidal vortex) was selected for the final in Paris at national Science on Stage France event in May. We presented our projects at stands to pupils, students, teachers and to other people who attended the event. Some of us presented projects on the stage to auditorium.



Experiment I presented is not well known, but it is very simple, efficient and interdisciplinary - experiment can be used at biology or physics lessons, in kindergarten (just observation) or in college (with explanation) . Single lens microscope can be made by using a drop of water, The small water from a pond drop works as a spherical lens with a large magnifying power. With the right adjustment of the laser a bright spot extends into a large image about 2 meters wide and shadows of tiny animal living in a pond. The only problem I found was that usage of lasers in some schools is forbidden because of danger directing it into eyes.

Further cooperation is planned by both countries in exchanging workshops in Slovenia in autumn 2014.

