

Take a Workshop to your country – Czech Republic-Greece



Zdeněk Drozd greeted everybody

Panagiotis Lazos from 26th General Lyceum of Athens, Greece, visited Prague from October 25th to 29th 2015, as a guest of Czech SonS NSCs Jitka Houfková and Zdeněk Drozd from The Department of Physics Education, Faculty of Mathematics and Physics, Charles University in Prague. During his stay he met their colleagues – physics educators, and students – future physics teachers, as well as in-service physics teachers.

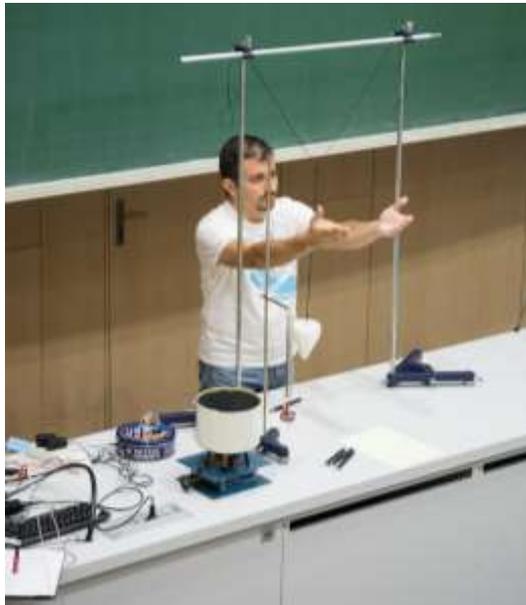
The workshop day was Tuesday October 27th 2015. The workshop took place at the newly remodeled lecture hall and was visited by about thirty physics teachers, future physics teachers, physicists and bunch of high school students.

First Zdeněk Drozd greeted everybody then Jitka Houfková presented Science on Stage: its aim, history, Czech participants and their projects, the plans for Czech National Event 2016 and the international Science on Stage festival in Hungary 2017.



Jitka Houfková presented Science on Stage

After that Panagiotis Lazos presented his workshop that consisted of two parts. The first part: “Recording tracks with light. Applications of phosphorescence in mechanics”, was initially presented at the Science on Stage festival 2015 in London. The second part was dedicated to how sound editor software may be used for accurate, easy and low cost measurements in a wide field of physics’ experiments. The free software Audacity was used to study light by connecting a photocell (instead of a microphone) to the sound card and to measure the rpm (revs per minute) of the engine of a car or other vehicle.



Panagiotis Lazos during his workshop

The workshop ended by huge applause and was highly acknowledged by all participants. After the workshop Panagiotis had to spend long time by answering additional questions and showing his devices to many enthusiastic teachers.



Questions from the audience: physics teachers, future physics teachers, physicists and high school students

Panagiotis Lazos also visited high school Soukromé gymnázium ARCUS where physics teacher Petr Káčovský took him to his classes. Panagiotis Lazos presented some of his

experiment to two classes of high school students giving them not only the opportunity to see wonderful physics but to practice their English, too. The teacher Petr Káčovský as well as his students really enjoyed and appreciated it. Panagiotis and Petr are in contact since then and plan future collaboration.



Panagiotis Lazos and the high school Soukromé gymnázium ARCUS students

During the visit there were enough time to share discussions not only about physics, its teaching, school systems in Greece and Czech Republic, problems and difficulties physics teachers are meeting, the ways SonS is presented and participants on International SonS festivals are chosen in each country, but also about more personal things and everyday life in both countries.