



## INFLPR - OSA Student Chapter – Education Outreach, April 7-10, 2014

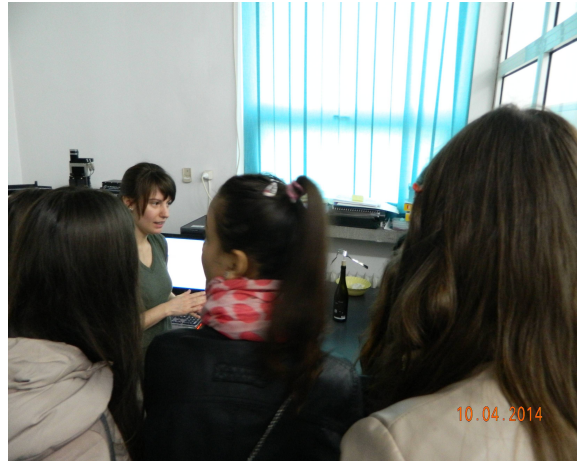
INFLPR OSA Student Chapter (ROMANIA) has been involved in a large scale “Education Outreach” event that took place at INFLPR (National Institute for Laser, Plasma and Radiation Physics) between 7 and 10 April. Half of the Chapter members were involved in this activity. The event was organized together with the local SPIE Chapter which also had around 5 members involved. This activity was easy to do this week because of the national program called “Scoala Altfel” (translated to “School in Another Way”), which is available for one week every year. We used OSA funding to transport large groups of students to the institute.

Several groups (~320 young people in total) visited the institute. Their ages varied from 9 to 18 years. There were students from the primary school and high-school from the following institutions: Primary School 59, Primary School 188, Primary School 79, Primary School 97, “Marin Preda” High-School, International Theoretic High-School, “Octav Onicescu” High-School. The groups contained between 5 and 12 students.

The students visited several laboratories in the Lasers Department. Some very simple experiments were also organized to illustrate light and laser properties like reflection, refraction, absorption, dispersion, diffraction, interference, polarization. We talked about laser applications in everyday life and also draw attention on the danger of laser pointers, which are widely available these days. Some students also visited the new PW laser facility that has been recently installed in our institute. For older students, before the visit, we have made a short power point presentation about INFLPR and about optics and lasers.

We think that the activity had a great success due to the large number of students involved. Also, some students were very amazed by experiments and asked lots of questions.





More pictures are on our facebook page : <https://www.facebook.com/osainflpr>