

Report about Science on Stage on 46th National Conference on Physics Education in Bulgaria

Ana Georgieva and Jitka Houfková met on Thursday April 12th 2018 at Sofia's airport. Ana showed Jitka around the beautiful historical sites of Sofia's city centre: magnificent churches, amazing roman ruins and flowering parks. In the mean time they talked about problems related to physics teaching and organising Science on Stage in their countries, as well as about their planned presentations at the coming conference. Ana translated titles and most important things from Jitka's presentation into Bulgarian. On Friday morning they took the bus to Pleven that is two and half hour drive from Sofia.

"Science On Stage" was a red thread throughout the whole 46th National Conference on Physics Education that took place from April 13th to 15th 2018 in historical Bulgarian town Pleven. Pleven is located in the northern part of the country and with its population of almost 100 000 is the seventh most populous city in Bulgaria.



Just after the official ceremonial opening professor Ana Georgieva, head of Bulgarian Science on Stage National Steering Committee, had a presentation about the Bulgarian Science on Stage festival and invited the teachers to the forthcoming Bulgarian National event.



Ana's presentation was followed by Jitka Houfková's lecture called "For Teachers From Teachers: Sharing of Inspiring Physics Experiments For All Ages", connected with teacher training and full of experiments. Jitka introduced the international dimension of Science on Stage and the impact of

Science on Stage network to the science teachers. She showed experiments like a model of a beer tap, a model of lungs and a diaphragm, model of step voltage inspired by Zoltán Sebestyén and Imre Sánta's project from Debrecen or interference of light on thin surface created by nail polish, that was presented by different participants at Science on Stage festival in London in 2015 as well as Science on Stage festival in Debrecen in 2017.



The second day of the conference was dedicated to Bulgarian participants from Science on Stage festival 2017 in Hungarian Debrecen. An exhibition of posters and projects that Bulgarian delegation presented in Debrecen took place during the whole day and many participants of the conference stopped by and looked at them with great interest.



Teacher Daniela Georgieva and six children from 6-th primary school "Hristo Botev" Kyustendil presented wonderful workshop entitled **"Scientific experiments for children Suitable and quality foods"** where they showed experiments, **related to healthy eating and how to check the suitability and quality of the foods and types of water that we buying and consuming in our daily lives.** The workshop met with favourable response, and is presenting part of the joint project of Daniela Georgieva and the teacher **José Luis Olmo Rísquez from IES "Azuer", Manzanares (Ciudad Real), Spain, which will be presented at the forthcoming 2019 European festival Science on Stage in Portugal.**



Teacher Nadja Kiskinova from Stara Zagora gave a detailed presentation on the previous 10-th European Festival in Debrecen, Hungary, full of illustrational photos. She talked in details about the whole Bulgarian participation at the festival, starting by the common journey in a minibus, continuing by all the events during the festival and ending by great selection of interesting experiments.

The whole conference ended on Sunday and Jitka flew back home, full of strong experiences and new friendships.