
Astro party
Project report TF2A-2014
IAU - Office of Astronomy for Development

Summary of the completed project

1. Country of teacher training: Bulgaria, Municipality Dolna Mitropolia, Baykal village.
2. Dates of teacher training / duration of training: 9-10 of May 2014.
3. Facilitator Name(s) / OAD project reference number: Ivo Jokin, TF2A-2014.
4. Number of participants: Teachers - 23; Students - 45; Guest- 12; - Volunteers - 4. Total: 84

Astro Party Baykal is traditionally held since 2005 at the beautiful bank of the river of Danube at the village of Baykal, Dolna Mitropolia Municipality, Pleven district, under the patronage of the Minister of education and science and the mayor of Dolna Mitropolia Municipality – Mrs Polya Tsonovska.

The program includes activities with students and teachers, who provoke love to both sciences physics and astronomy. The event is included for a sixth time in the National calendar for extracurricular activities of the Ministry of education and science for the academic 2013/2014.

Organizers: Ministry of education and science, National children's palace, Regional education inspectorate Pleven, Dolna Mitropolia Municipality and astro club at the Municipal center of extracurricular activities and pursuits of interests – village of Baykal.

Partners: Union of the astronomers in Bulgaria, Sofia university faculty of physics, Institute of astronomy at Bulgarian Academy of sciences, Institute of electronics at Bulgarian Academy of sciences, Astronomy association – Sofia.

International partners: IAU - International astronomy union, EAAE - European association for astronomy education, GTTP - Galileo Teachers Training Program, UNAWA - UNIVERSE AWARENESS.

The participants are: physics and astronomy teachers from the municipal schools on the territory of Dolna Mitropolia municipality and across the country, Republic of Romania and Republic of Turkey, ranked students in regional, national and international astronomy Olympics and such that are about to touch the most beautiful and ancient science – the astronomy.

Goals:

- to popularize and spread among the students the knowledge and achievements of the astronomy
- to create and develop the interest to the amateur astronomy, observation and astronomy activities
- to acquire skills for practical application of the physical knowledge in explaining unknown phenomena, carrying out and planning of tests and experiments

Main topic of Astro party Baykal 2014 – “The universe in our school”. Was organized a special GTTP workshop for the teachers and “Galileo teacher” certificate awarding by the Galileo ambassador for Bulgaria – Ivo Jokin.

Guests of the event were:

1. Mrs. Polya Tsonovska – Mayor of Dolna Mitropolia Municipality;2. Mrs. Albena Toteva - head of Regional education inspectorate Pleven;3. Mrs. Katya Trifonova- senior Expert in the Regional education inspectorate Pleven;4. Mrs. Eva Ivanova - senior Expert in Education department in Dolna Mitropolia Municipality;5. Professor Costin Boldea и Alina Boldea from the university in Craiova, Romania and the PhD students from the university in Craiova;6. Mr Arif Bayirli, national coordinator UNAWE, Istanbul, Turkey

Guest lecturers:

1. Assist prof. Ph.D Oleg Yordanov - Institute of electronics at Bulgarian Academy of sciences, chief editor of World of physics magazine and a member of the board of directors of the Union of physicists in Bulgaria;2. chief assistant Ph.D Eva Bojurova - Sofia university, department of Methods of the physics education;3. senior lecturer Ceca Tcolova, professional High School in Computer systems and technologies Pravets, associated to the Technical University, Sofia, member of EAAE;4. Mrs. Boryana Boncheva - Astronomy association Sofia, chief editor of Telescope newspaper and Adromeda magazine;5. Mr. Georgi Latev- Ph.D students at the Institute of astronomy at the Bulgarian Academy of sciences

Implementation of project activities:

The program began with a fascinating lecture Eva Bojurova to genius scientist and astronomer Galileo Galilei in connection with the 450th anniversary of his birth. After the coffee break began Workshop for telescopes. Each school received a telescope of Galileo-Galileoscope and teachers and students together in Galilee enacted as put together unit.

The roundtable "Teachers for Teachers" in the conference room of the Municipal Center traditionally exchanged best practices and presented useful and interesting projects in which teachers can participate. Ivo Jokin present Strategic plan IAU 2010-2020, GTTP, EAAE, GO Lab, and Mrs. Ceca Tzolova- SCIENTIX. Were presented and other projects IAU, Task Force 2 “Astronomy for children and schools”.

The program continued on the terrace of the port complex " Under the stars of Baikal" , where he opened an exhibition " 35 years of flight Georgi Ivanov " and " Sunrise and Sunset " by Dr. Daniel Negrov.

Each participant received a special autographed photo of our first astronaut. The evening continued with the presentation of the program " Celestia " astronomy by Prof. Dr. Oleg Yordanov, presentation " Heaven for Everyone" by George Latev , astronomy activities in Craiova and GTTP and UNAWE Turkey from guests.

Observational program was carried out by Astronomy association and colleagues from Romania. Despite the cloudy weather, the participants were able to observe the Moon and Mars for a while, and the constellation Ursa Major. Ivo Jokin demonstrates how to use a CCD camera with Galileoscops, visual drawings Moon - “Draw the Moon” and “Shoot the Moon”- shooting with a digital camera, CCD and mobile phone.

Promotion and dissemination of activities and results of the project:

http://www.dolnamitropolia.bg/index.php?option=com_content&task=view&id=553&Itemid=2

<http://www.riobg.com/news/read/id/376>

<http://plevenzapleven.bg/blog/2014/05/13/10-%D0%B3%D0%BE%D0%B4%D0%B8%D0%BD%D0%B8-%D0%B0%D1%81%D1%82%D1%80%D0%BE-%D0%BF%D0%B0%D1%80%D1%82%D0%B8-%D0%B1%D0%B0%D0%B9%D0%BA%D0%B0%D0%BB-29146/>
