

Poster paper

ASTRONOMICAL EDUCATION IN THE CULTURAL AND EDUCATIONAL CENTRE NAMED AFTER V. V. TERESHKOVA

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The educational technologies, connecting with the astrospace researches in one way or another are particularly topical nowadays. Planetaria are considered as the unique centers where educational and research activities are successfully combined.

Cultural and educational centre is a modern cultural and educational complex including the planetarium, the museum of the history of cosmonautics, the astronomical observatory, the interactive classroom for astronomical study group, media café “Trans – force”. The outreach and educational work is carried out with a population of different age and social groups on the basis of the Centre (Tikhomirova, Gorodenskaya 2015).

The educational process assumes using the richest material of the museum “History of Cosmonautics” of Valentina Tereshkova Cultural and educational centre and other museums. The Star hall (planetarium) of the Centre allows for any weather, at any time of day and year, at intervals of thousands of years - "travel to the future and the past" – to demonstrate the starry sky, and observed in different parts of the globe. Besides the starry sky, there are ample opportunities for studying of Solar system, planets, and comets, fireballs, meteor showers, and others. The deep sky objects can also be represented using specialized software and digital optical systems. Thus, the proper use of the grand demonstration opportunities of planetarium using traditional and innovative techniques is the guarantee not only of high interest to the presented material, but also attraction of youth to activity in space and astronomical researches. The astronomical observatory of the Centre promotes to the acquisition of practical skills for working with astronomical devices.

References

Tikhomirova, E. N., Gorodenskaya, M. N.: 2015, *LPS XXXXVI*, Abstract # 1390.