

NEO PUBLIC OUTREACH AND EDUCATION AT KLET OBSERVATORY AND ČESKÉ BUDĚJOVICE PLANETARIUM

Jana Tichá, Miloš Tichý, Michal Kočer Kleť Observatory, Zátkovo nábřeží 4, CZ-370 01 České Budějovice, South Bohemia, Czech Republic

2015 IAA PLANETARY DEFENSE CONFERENCE, 13-17 APRIL 2015, FRASCATI, ITALY

INTRODUCTION

Increasing research results in the field of Near-Earth Objects (NEOs) as well as impact hazard investigations cause growing interest among general public and media. Moreover, people are usually interested in catastrophes, especially if they are far enough. This interest has generated an increasing number of enquiries from members of the public. Furthermore NEO related issues have outstanding educational value and outreach potential. So thus educating the public and the media on NEO detection, characterization, potential hazard, impact effects, mitigation missions, impact warnings belong to the most important tasks of NEOs scientists and research institutions.

KLEŤ OBSERVATORY AND ČESKÉ BUDĚJOVICE PLANETARIUM

NEO PUBLIC OUTREACH AND EDUCATION
There are various tools of public outreach aimed to NEO research and hazard. As the most useful ones we consider: multimedia performances, educational multimedia presentations for schools at different levels in planetarium, summer excursions for wide public at the Klet Doservatory on the top of the Klet mountain, public lectures and discussions, meetings, exhibitions and special on-line magazines (ezins). Public lectures and other events are organized also outside the Ceske Budejovice and Klet facilities (in museums, planetariums, public observations, at universities, special activities for falented youth, community days and so on). It seems to be very contributing and favoured by public to have opportunities for more or less informal meetings just with NEO researchers from time to time. Very important part of NEO public outreach consists of continuous contact with journalists and media inducing press releasess, interviews, news, periodical programs including regular radio broadcast show on astronomy at the Czech Radio České Budéjovice and so on.

NEOs ON THE NET
To the most useful tools belongs on-line magazines (e-zins) - The Czech public service on NEOs - www. planetky.cz and www.komety.cz.
There are many interesting and well designed websites maintained by NASA, JPL, ESA, the Planetary Society and others, but naturally the big majority of them are written in English. Therefore we have decided to design a special website in Czech devoted to NEOs and based on Kel long-lime observing program, its international cooperation and experience in education and public outreach program.

Czech public service on NEOs - www.planetky.cz - was designed by the Klet Observatory on February 2001, Till 2015 March there are 330 original articles written for general public by research team members regarding minor planets, spread into six themes. This number includes 108 articles divertly about Near-Earth Objects. It has been indicated (March 28, 2015) that more than 353,000 visitors has viewed more than 2,978,000 pages on web www.planetky.cz so far. On the basis of language similarities this website has also been visited by many people from Central and East European countries like Slovakia, Poland, Ukraine, Russia and others.

Amongst recent topics we can mention Chelyabinsk meteor explosion, a close approach of asteroid 2012 DA14, small asteroid 2014 AA on an Earth impacting trajectory, 2008 TC3, its impact and meteorites found, future close approaches of Apophis, recent NEO surveys Pan-STARRS, Catalina Sky Survey and NEOWISE mission and so on.

faking into account an rapidly growing role of social media and networking we created both Facebook and Twitter profiles of Klet C and we are running them on a topical basis.



LESSONS LEARNED





-ritial goal of all mentioned NEO educational and public outreach tools is to bring relevant, clear, comprehensive and e information to students, educators, general public, mass and social media as well as policymakers and government







ACKNOWLEDGEMENT
The work of the Observatory and Planetarium Ceske Budejovice and the Klet Observatory is funded by the South Bohemian Regional Authority.