

Urania TV - Urania's web-portal on YouTube

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The presence of the Urania website (<https://www.urania.edu.pl>) on YouTube manifests itself in the form of several different educational video series and radio podcasts. In addition to the main films from the Urania TV series, there are also the series 'Urania w podróży' ('Travelling with Urania'), 'Kosmiczne rozmowy' ('Space Talks'), 'Urania FM', 'Niebo na dłoni' ('Sky in Your Hand'). All materials are available at <https://www.youtube.com/UraniaTV>.

1 Introduction

The Urania TV channel was launched on April 8, 2018. It is run by the editors of the Urania internet web-portal and the *Urania - Postępy Astronomii* magazine (Czart & Mikołajewski, 2019, 2016). As of middle September 2021, the channel had nearly 8,600 subscribers, and all the videos published on it recorded a total of over 428,000 views. The channel is characterized by a variety of materials, both in terms of form (videos and radio podcasts) and content (astronomy – scientific discoveries and amateur sky observations, as well as the space industry).

2 Urania TV

This is the primary series of the Urania TV channel. It includes several minutes long videos. Some of the materials are excerpts from the Astronarium program containing full versions of conversations conducted for Astronarium (Radajewski et al., 2018), but impossible to use there in full due to the time constraints of Astronarium episodes. Other materials are created especially for Urania TV. Most of them are conversations with interesting people from astronomers, astronauts, or other specialists in the space industry. 45 episodes have been published so far.

3 Urania w podróży (Travelling with Urania)

This is a series about various traveling destinations related to astronomy and space, in Poland and all over the world. Tourist routes and places of interest are chosen by Wieńczysław Bykowski, who also runs an astrotourism section in Urania.

Currently, there are 7 episodes presenting the journey in the footsteps of Nicolaus Copernicus, Greenwich, South Africa and SAAO, the tour in the footsteps of Albert Einstein, Canaveral, and astronomy in paradise (Hawaii).



Fig. 1: Urania TV



Fig. 2: Travelling with Urania



Fig. 3: Space Talks

4 Kosmiczne rozmowy (Space Talks)

Original series of podcasts led by Rafał Grabiański. Here, the episodes are longer, lasting several dozen minutes or sometimes even an hour and a half. Their content is conversations with people from the space industry - engineers, scientists, students from Poland and foreign centers, employees from international companies and organizations, as well as journalists from industry media.

5 Urania FM

Another series of podcasts in the radio form. Piotr Majewski, known for Radio Planet and Komet (Radio of Planets and Comets), a long-term broadcast about astronomy on the Polskie Radio PiK (Polish Radio PiK). Podcasts in Urania FM are realized in the form of conversations with different people about space exploration or interesting phenomena in the sky. One episode lasts a few minutes and covers the chosen topic. Among the presented issues are, for example, meteor showers, polar



Fig. 4: Urania FM



Fig. 5: Sky in Your Hand

nights, observations of Mars, the Moon, variable stars, but also cosmic tourists, or the legal aspects of the cosmos. 19 episodes of Urania FM have been published so far.

6 Niebo na dłoni (Sky in Your Hand)

A series presenting basic information and interesting facts about astronomical objects in multimedia form. The episodes are several minutes long. The host is Małgorzata Radomska, and Sebastian Soberski is responsible for the scripts.

Episodes from the series ‘Niebo na dłoni’ were published in the years 2017-2018 and available on a separate channel, which had over 1,200 subscribers. Unfortunately, in the Spring of 2021, the channel suddenly disappeared from YouTube. YouTube staff cannot explain why this happened, nor they can recover the channel and videos. To ensure that these materials are still available to everyone, they will be successively published on Urania TV.

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