

International Moon Day 2023

Brno Observatory and Planetarium <https://www.hvezdarna.cz/>

20th of July 2023: 6 PM – 10 PM

The whole event took place in the hall of the large planetarium and consisted of three parts. First, we screened a fulldome show called FORWARD! To The Moon (26 minutes):

Kari Byron from Crash Test World and MythBusters launches us on a journey beyond the Earth towards a sustainable future in space. NASA's 21st-century Artemis program, named after the Greek moon goddess and twin of Apollo, is the next step in our mission to explore the universe.

This was followed by the main session, a moderated talk (and audience discussion) entitled A New Era of Lunar Exploration Has Begun (100 minutes):

More than half a century has passed since the last time man walked on the surface of the Moon. But in just a few years, we will see the return of humans to the Moon. It will happen in the Artemis programme, which is far more complex than the legendary Apollo missions. The differences between the two programmes are many - from the technology used, to the landing sites, to the length of time on the Moon, to the increasing self-sufficiency. The first, so far modest, colony is to be built on the surface of the Moon within the next few decades. The return of humans to the Moon includes the Gateway space station, which is to be built in orbit around the Moon and will prepare humanity for, among other things, a trip to Mars. The first modules of the station are already under construction and it is likely that for several years NASA and its partners will operate two space stations in parallel. The well-known International Space Station (ISS) is not yet old and it too has a role to play in the whole project of returning to the Moon.

Our speakers were Michal Václavík and Dušan Majer:

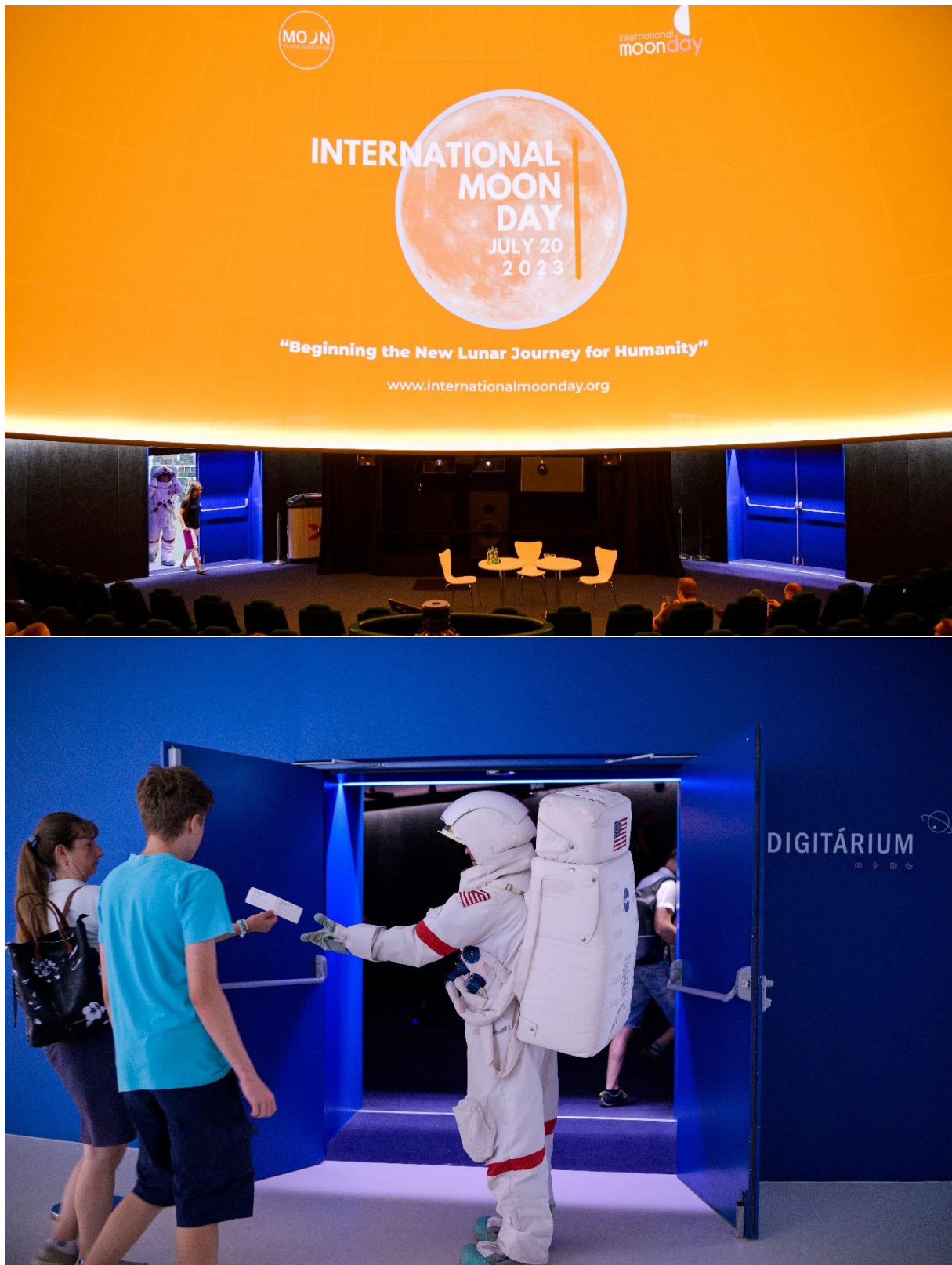
Michal Václavík vaclavik@czechspace.cz, web: <https://www.czechspace.cz/>

Dušan Majer dugi@kosmonautix.cz, web: <https://kosmonautix.cz/>

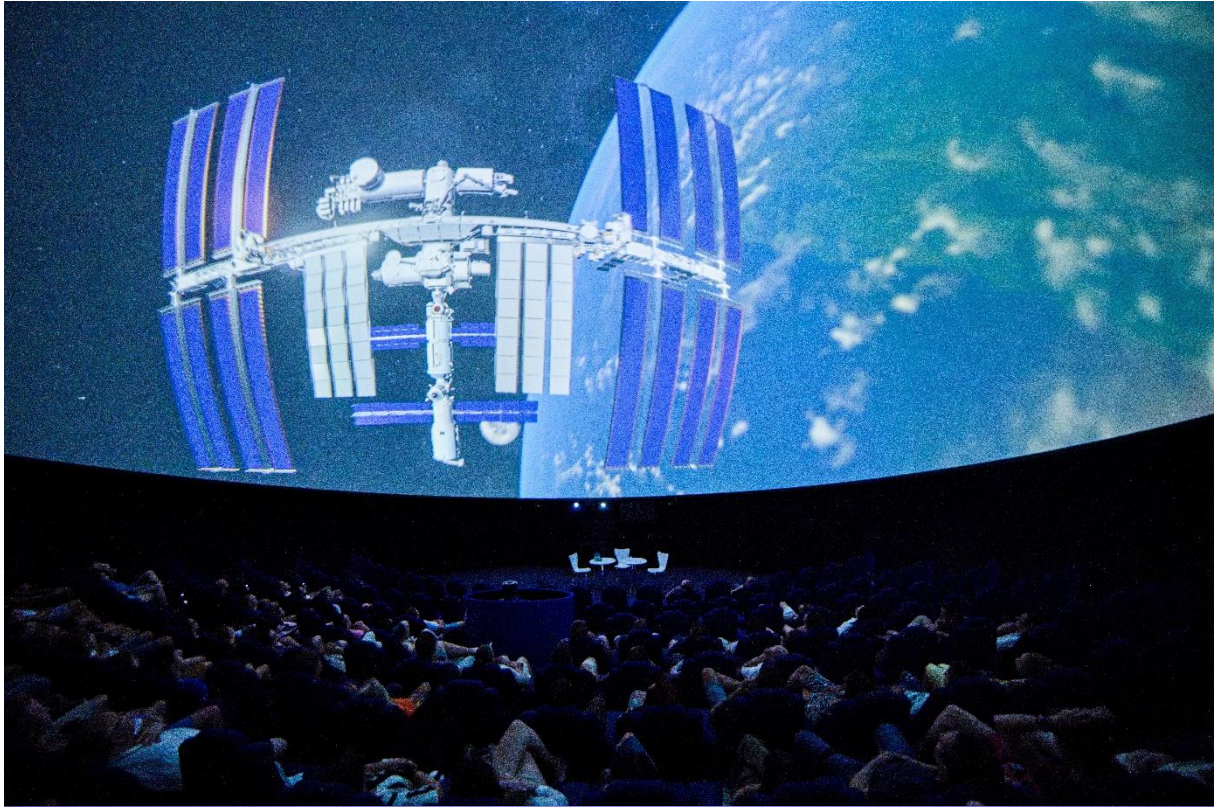
After a moderated lecture and discussion with the audience (92 visitors), there were a screening of Moon (2009) <https://www.imdb.com/title/tt1182345/> :

Astronaut Sam Bell (Sam Rockwell) is the only employee staying at the lunar base of Lunar Industries, with whom he has a three-year contract. His job is to oversee the otherwise fully automated extraction of Helium-3, a rare gas used as fuel on Earth. With regular malfunctions making communication between the base and Earth almost impossible, Sam's only companion and assistant is the intelligent computer Gerty :-)

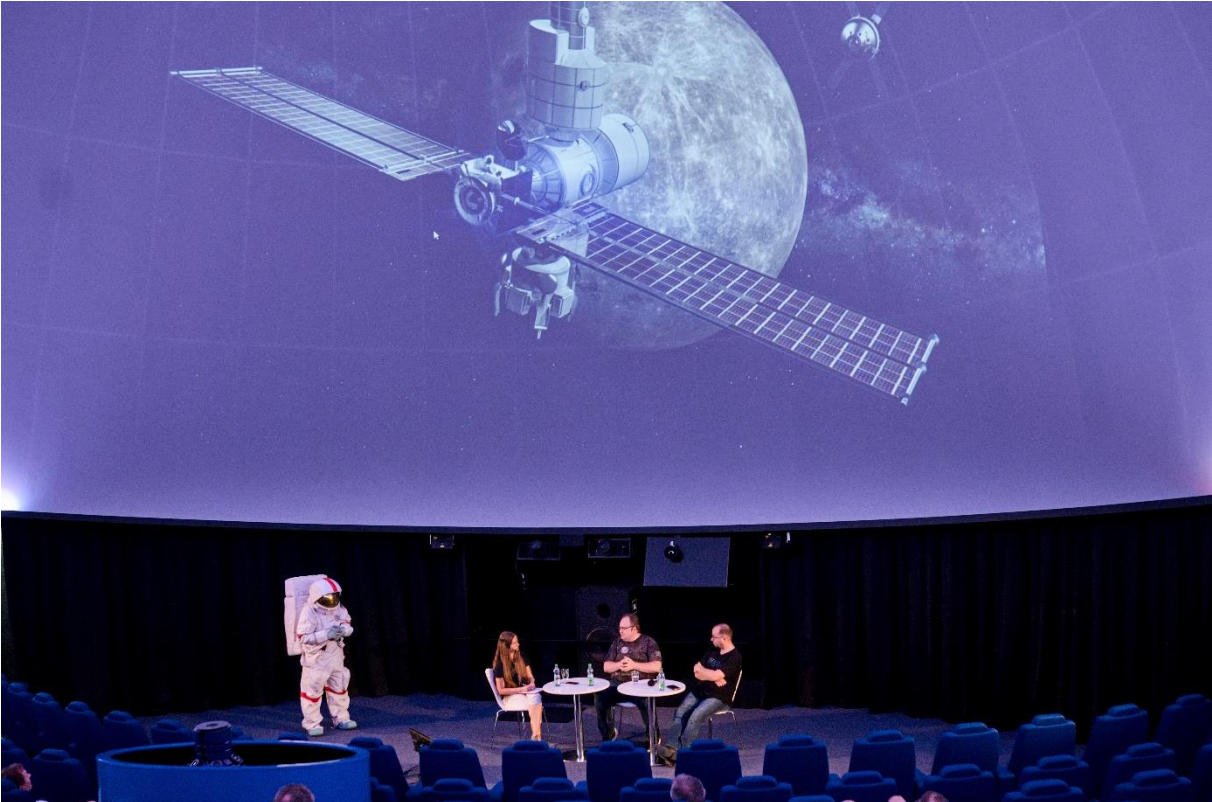
The moderated talk were recorded and will be placed on our YouTube channel after processing:
<https://www.youtube.com/@HvezdarnaCzBrno>













Credit: Petr Ryp, <https://1url.cz/7uQi6>