



Mars: The Ultimate Voyage (Planetarium Show)

A 25-minute planetarium show that highlights NASA research and training initiatives that are preparing the next generation of astronauts who will head to Mars.

Technology No. 2022-117

IP Status: Copyright

Applications

- Planetarium show

Technology Overview

Ever wondered what it will take for astronauts to travel to the Moon, Mars and beyond? On this long journey, what challenges will astronauts face? How will they stay motivated and healthy on their spacecraft so far away from Earth? This Bell original planetarium show Mars: The Ultimate Voyage, explores these questions and more!

On a two year journey to Mars astronauts will face extraordinary challenges—long distance, a closed environment, isolation, altered gravity, radiation. What will it take to get astronauts to Mars—and back—safely? This new, animated planetarium production highlights NASA research and training initiatives that are preparing the next generation of astronauts who will head to Mars. The film shows how creativity, collaboration, communication, and expertise in a diverse number of fields are key for the success of deep space travel—while also inspiring the next generation of STEM professionals! Witness what it takes to embark on the first human mission beyond Earth's orbit.

The Bell Museum collaborated with NASA and the University of North Carolina Morehead Planetarium and Science Center to create this planetarium show. The work was funded by a NASA Teams Engaging Affiliated Museums and Informal Institutions (TEAM II) Award 80NSSC20M0028 to the Bell Museum through the Regents of the University of Minnesota.

Run time: 25 minutes 40 seconds

Recommended ages: 8+

Recommended grades: 4th-8th

No license fee. 2K and 4K pre-rendered videos available for free download.

2K and 4K frames available by hard drive with a \$150 charge.

Distribution kit also includes stereo and 5.1 audio files, a transcript file for captions, and a media kit.

Please read and sign the license agreement, and we will be in contact with you to arrange delivery of the distribution kit. By signing the license, you agree to provide us with an annual attendance report including the number of shows and visitors upon our request.

Mars: The Ultimate Voyage is only available for planetariums located in the U.S. 100 miles or more away from the Bell Museum

Responses to licensing requests will be delayed if submitted between December 11-14, 2023 or December 22, 2023-January 2, 2024.

Phase of Development

Mars: The Ultimate Voyage is a fully developed planetarium show that is ready for viewing.

Desired Partnerships

This technology is now available for:

- License

Please contact our office to share your business' needs and learn more.

Contact

- [Sally Brummel](#) Planetarium Manager, Bell Museum

<https://license.umn.edu/product/mars-the-ultimate-voyage-planetarium-show>