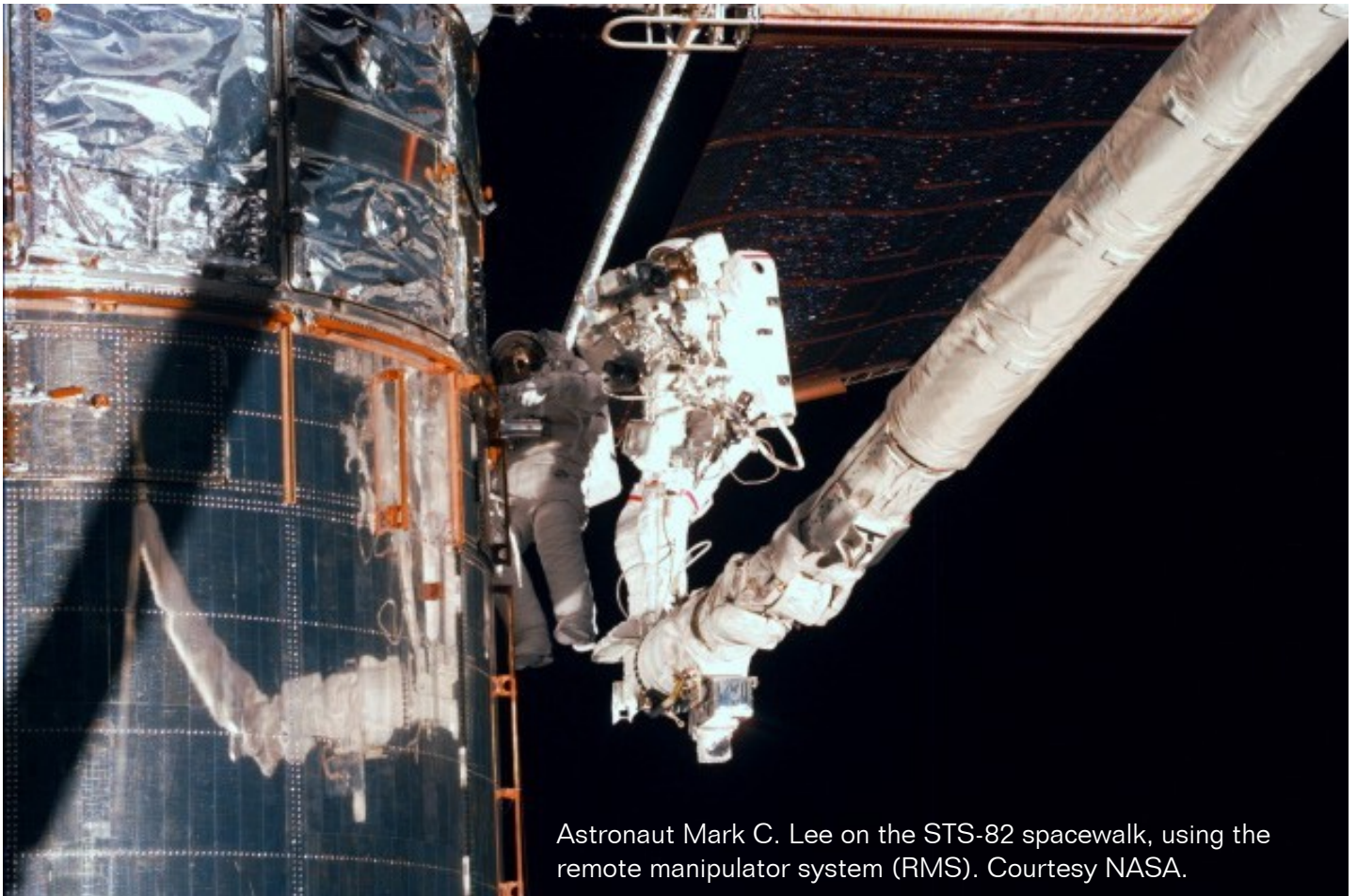


<http://library.thinkquest.org/C003763/index.php?page=human01>



Astronaut Mark C. Lee on the STS-82 spacewalk, using the remote manipulator system (RMS). Courtesy NASA.

By far the most interesting aspect of space exploration is the presence of humans in space. From the first man in space in 1961 to the first man on the Moon in 1969, manned spaceflight has captured the imagination of the world. However, most members of the public have a very basic understanding of the science involved, as well as the motivation, implications and future prospects of human space exploration.

In this section, *Astrobiology: The Living Universe* takes an extensive look at all the aspects involved in human space exploration - with five main categories holding 31 pages of information, you can be sure that you will learn a lot from this section, and you'll have fun doing it as well.



Humans in Space

Introduction

<http://library.thinkquest.org/C003763/index.php?page=human01>

A brief history

We explore the origins of manned spaceflight in this section, from 1961 to the present day. Learn more about our history in this section.

Gravitational Biology

How do organisms live and reproduce in space, under weightless conditions? Find out in Gravitational Biology.

Living in Space

From the absence of gravity to the need to live in a pressurised container with continually renewed atmosphere, living in space is a completely foreign affair to what we do on Earth. This mini-section covers all the facets of living in space.

Space Habitats

Living in space does not end with space stations like Mir or the ISS - in the section we look at truly stunning plans for future space stations, and how life support works on a space station.

What's the point of space travel?

This entire section is concerned with space exploration, but have you ever paused to think why we spend so much money on it? We have, and we put forth our ideas and arguments here.

Future Thinking

Ever wondered what it would like to travel to other stars? We examine the nitty-gritty details of human interstellar travel here, as well as the colonization of the Solar System and the galaxy.

Mars Case Study

Mars has been the centre of attention for interplanetary exploration for the last few years, from the Mars Pathfinder probe to the shocking discovery of evidence of liquid water on the surface. Read up on Mars exploration, colonization, terraformation and more.