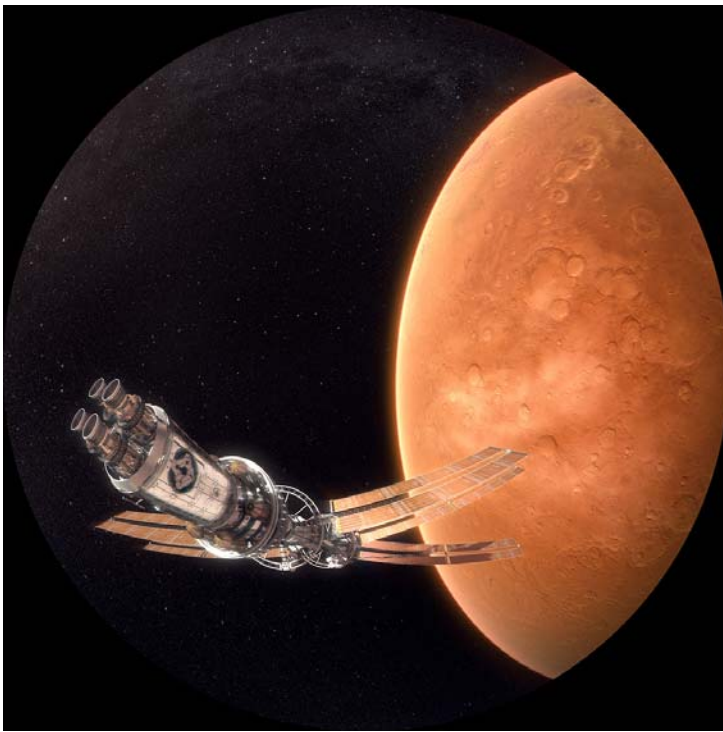




EXPLORE

CREATIVE PLANET presents A FULLDOME PRODUCTION directed by MACIEJ LIGOWSKI
art direction MACIEJ RASALA story ZUZANNA LIGOWSKA, MACIEJ LIGOWSKI
music by IGOR USKOKOVIC narration PHILIP BANKS
www.creative-pla.net www.lochnessproductions.com





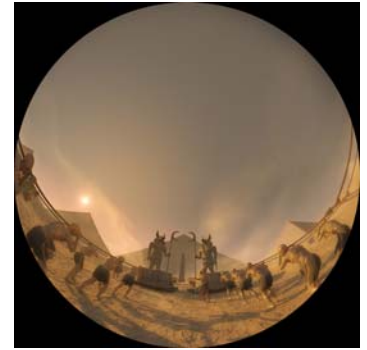
EXPLORE

Our future on Mars depends on discoveries from the past!

Produced by CREATIVE PLANET

Have you ever wondered how our modern spacecraft can navigate quickly and accurately to Earth orbit and beyond? Find out in **EXPLORE**, the lavish 2017 full-dome production from Creative Planet. It's the story of humanity's fascination with the stars — from ancient stargazers and astrologers to the breakthrough discoveries of Nicolaus Copernicus and Johannes Kepler. In particular, today's explorers depend on Kepler's genius for their work in space.

EXPLORE begins with a look at how scholars and scientists throughout the ages used the sky as a calendar and clock to measure the passage of time. Their charts and star catalogs became the basis of astrology, and informed the modern science of astronomy.



Kepler's theories about planetary ellipses opened the universe to exploration in ways he never dreamed of, centuries after his death. Kepler's Laws are fundamental in physics and astronomy and central to modern spaceflight. Transporting ships, people, and cargo beyond Earth depends on these laws of motion. The show demonstrates how those laws work using simple, easy-to-understand animations and clear explanations.



Then, to show how they work in space exploration, **EXPLORE** takes us on an imaginary journey. Astronauts leave Earth, execute two Hohmann-transfer maneuvers, and dock with a space station. Then they are off to Mars. In several beautiful scenes, the show demonstrates how spacecraft follow Kepler's laws in stately maneuvers as they make their way from Earth to orbit and then on to other worlds.

EXPLORE is a beautifully visualized trip through the history of astronomy, and an educational treasure trove. Created by Maciej Ligowski, the executive producer of *Dream to Fly*, the show features the narration of Philip Banks, and script contributions by Dr. Jenny Shipway and Loch Ness Productions's own Carolyn Collins Petersen.



EXPLORE is a compelling story of skygazing, scientific discovery, and the wonders of exploration, past, present, and future. It deserves a place on your dome for all audiences to enjoy!

Running time: **27:13** Suitable for: **General Public**
 Year of production: **2013** Information about: **Kepler's Laws, Copernicus, ancient astronomy, orbital motions, Mars exploration**

Available in **3D Stereo** - add **25%**

EXPLORE, 1-year license			
THEATER SIZE	ANNUAL ATTENDANCE	PRICE	PRODUCT CODE
PICO	Less than 5,000		
SMALL	5,000+	\$4,480	XPL-S1
MEDIUM	10,000+	\$7,200	XPL-M1
INTERMEDIATE	30,000+	\$12,800	XPL-I1
LARGE	50,000+	\$17,600	XPL-L1
XLARGE	100,000+	\$21,600	XPL-X1
BIG	150,000+	\$24,000	XPL-B1
GIANT	200,000+	CONTACT US!	XPL-G1

EXPLORE, 50-year license			
THEATER SIZE	ANNUAL ATTENDANCE	PRICE	PRODUCT CODE
PICO	Less than 5,000	\$3,600	XPL-P
SMALL	5,000+	\$5,600	XPL-S
MEDIUM	10,000+	\$9,000	XPL-M
INTERMEDIATE	30,000+	\$16,000	XPL-I
LARGE	50,000+	\$22,000	XPL-L
XLARGE	100,000+	\$27,000	XPL-X
BIG	150,000+	\$30,000	XPL-B
GIANT	200,000+	CONTACT US!	XPL-G

PRICES INCLUDE encoding/formatting and slicing for most full-dome systems. Contact us for details.



LOCH NESS PRODUCTIONS P. O. BOX 924 NEDERLAND, COLORADO 80466 USA
 Phone: +1 303 642 7250 Fax: +1 303 642 7249 Toll-free: 1-888-4-NESSIE
 Email: info@lochnessproductions.com Web site: www.lochnessproductions.com

Revised 23 October 2017