

SCIENTIFIC TALK

May 28, 2019, 7:30 pm, Planetarium

Painting the Way to the Moon: The Art of Chaos

by Dr. Edward Belbruno

ABOUT THE TALK

In 1991 a Japanese lunar mission was dramatically rescued by finding a new route to the Moon. The path for the spacecraft, Hiten, was the first to utilize chaos mathematics. The discovery of this route, however, was not inspired by mathematics, but by a painting!

In this talk, Dr. Edward Belbruno will explain how this is possible. More recently, a new route to Mars is described as well as some related applications in astrophysics, such as the origin of life on Earth. His explanations will be supported through a vivid depiction by the [Planetarium Augsburg](#).

ABOUT THE SPEAKER

[Dr. Edward Belbruno](#) is a mathematician, astrophysicist - and artist. He is teaching at Princeton University and Yeshiva University in New York City. Currently, the Humboldt-Laureate, founder of Innovative Orbital Design Inc., and consultant for NASA, spends one year researching in the Department of Mathematics of the University of Augsburg.

GENERAL INFORMATION

The public scientific talk is **free of charge**. The planetarium offers seats for **max. 70 visitors**, so in order to get a seat, please arrive on time. After the presentation all visitors are invited to a reception. The presentation will be held in English and translated to German simultaneously by Prof. Dr. Urs Frauenfelder. The event is subject to change.



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