



The Keck Institute for Space Studies
presents the following lecture:

Origami and Spacecraft Structures:

Current Work and a Brief History

Dr. Manan Arya
Jet Propulsion Laboratory / Caltech

February 12, 2020

4:30 PM Refreshments

5:00 PM Lecture

Lees-Kubota Lecture Hall
Guggenheim Building
California Institute of Technology

The mathematics, physics, and engineering of origami is a thriving field of academic research.

We will discuss the origin and the maturation of the formal study of paper folding.

Of the many applications of origami, this talk will focus on the design of deployable elements for spacecraft.

Using specific examples from current work at JPL on starshades and solar arrays, this talk will highlight recent advances in origami engineering and its application to unfoldable spacecraft structures.

Seating is limited and is available on a first come, first served basis.

for more
information
go to
kiss.caltech.edu