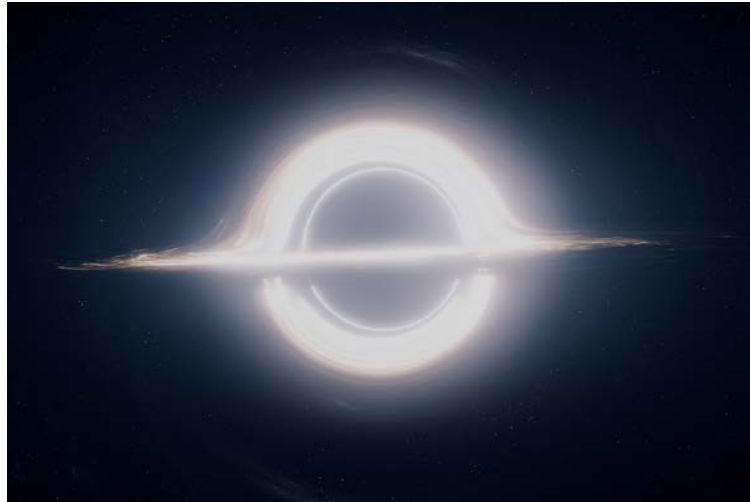


Seaver College Colloquium Series Presents...

Einstein Goes to Hollywood: The Science and Fiction of Warp Drives, Time Travel, and Black Holes



General relativity -- the celebrated gravitational theory of Albert Einstein -- is 101 years old this year and shows no signs of slowing down. It has passed every single test thrown its way, from explaining how gravity can bend light's path in 1919, to the confirmation last month that the fabric of space and time itself undulates like the ocean. One of the most interesting applications of general relativity comes not from science, however, but instead our imagination. The ability to travel faster than light or manipulate the flow of time have long been staples of science fiction. But are they just fiction? This talk will review how these theoretical features of Einstein's theory have been depicted in motion pictures, the accuracy of their depiction, and whether such science fiction could one day become science fact.

Jonas Mureika

Professor, Department of Physics

Friday, March 18th, 2016

3:45 – 4:30 p.m.

Pereira 140

Reception on LSB Terrace to follow