LECTURE TRANSCRIPTION

What would happen if you flew into a wormhole? Would you ever hear back? Where would you end up? In time, another galaxy? This is what if and here's what would happen a wormhole formed in our solar system. You've probably heard of wormholes through thorns. Interstellar, Star Trek, or if you're really old school-Albert Einstein in 1935. Einstein and physicist Nathan Rosen came up with the of bridges in space-time. WTF? OMG. Sounds like you're catching on, because an Einstein-Rosen- or a wormhole is also a shortcut. space-time. A wormhole is less like... It's more like a tunnel. It's a tunnel that... two different points in space-time. through it, you could end up in a different galaxy. universe or 14th century Europe But only if you found a way to keep the work... from collapsing on you. The trouble is... No one's ever seen a wormhole before, and we probably won't f- anytime soon the other problem is do exist in our solar system? They're probably... any wormhole that can accommodate humi... would require a crazy amount of mass. Think about it. The smallest black hole is thought to be... the size of an atom, but with the mass of a mountain... So, while we can't really calculate the mass of a- a few of us in a spaceship.