

## Building a Death Star: The Science of Megastructures

5/27/2017 6:00:00 PM

1 Hour

Science

North 132A

The Death Star was almost 100 miles long, carried almost 2 million personnel and soldiers, and had a cargo capacity of 1 million kilotons. Building it took 20 years and cost over 1 trillion credits (it isn't clear what the conversion rate is). In this panel, experts will discuss the logistical challenges in projects like this, and whether it is feasible to build one of our own.

Teachers will learn about the problems with building a Megastructure in space and whether or not it is possible. They will also take away with a different way to analyze fiction to add a similar activity to the classroom to make learning more engaging.

Gerard van Belle, Graduate Degree, Astrophysics, Lowell Observatory

Brett Scott, 20+ years experience, Computer Science, Cybersecurity, Founder of Cyberwarefare Range, AVnet