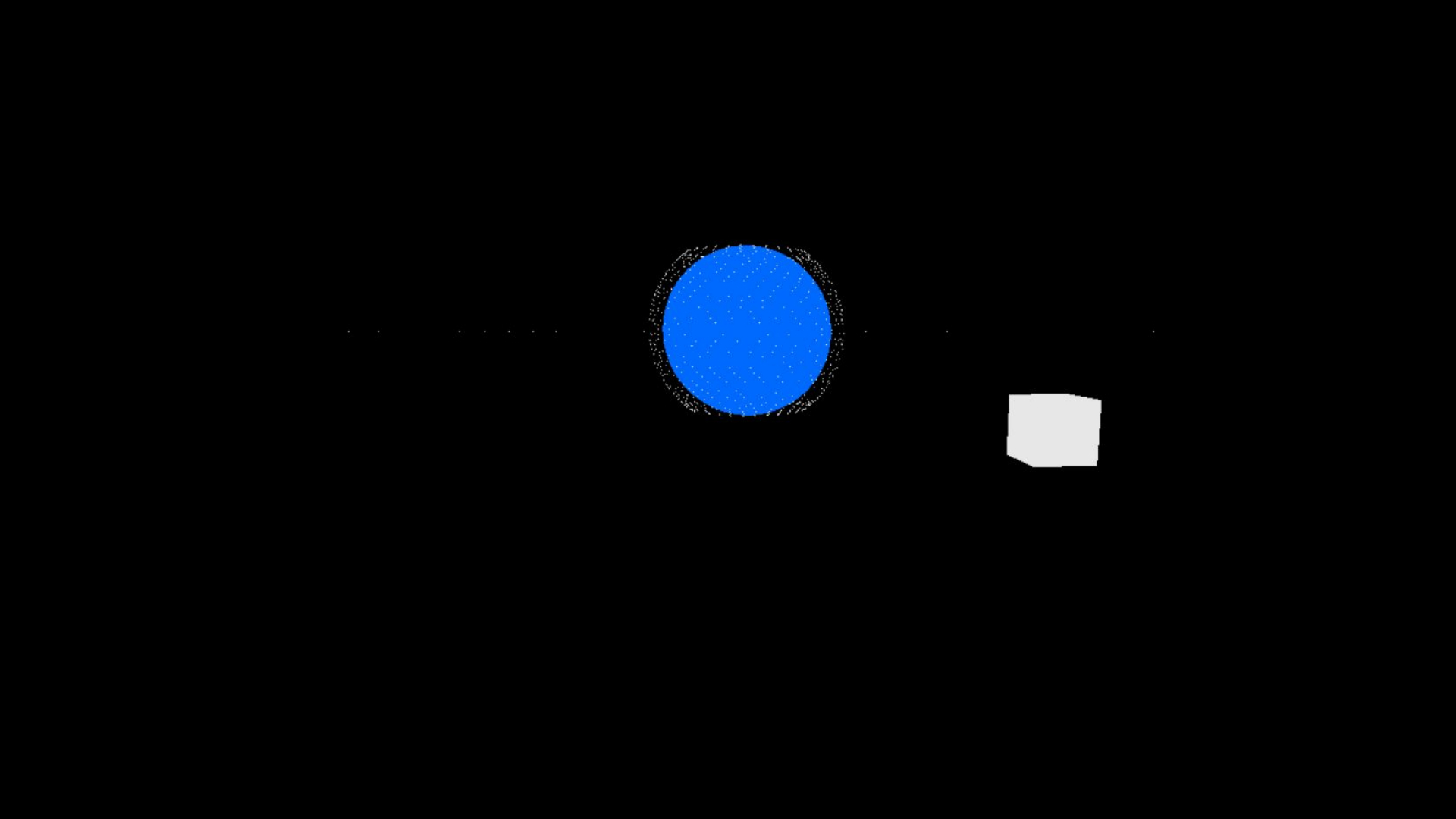
Modelling Low-Earth Orbit Constellations for Networking

Joe McGuchan

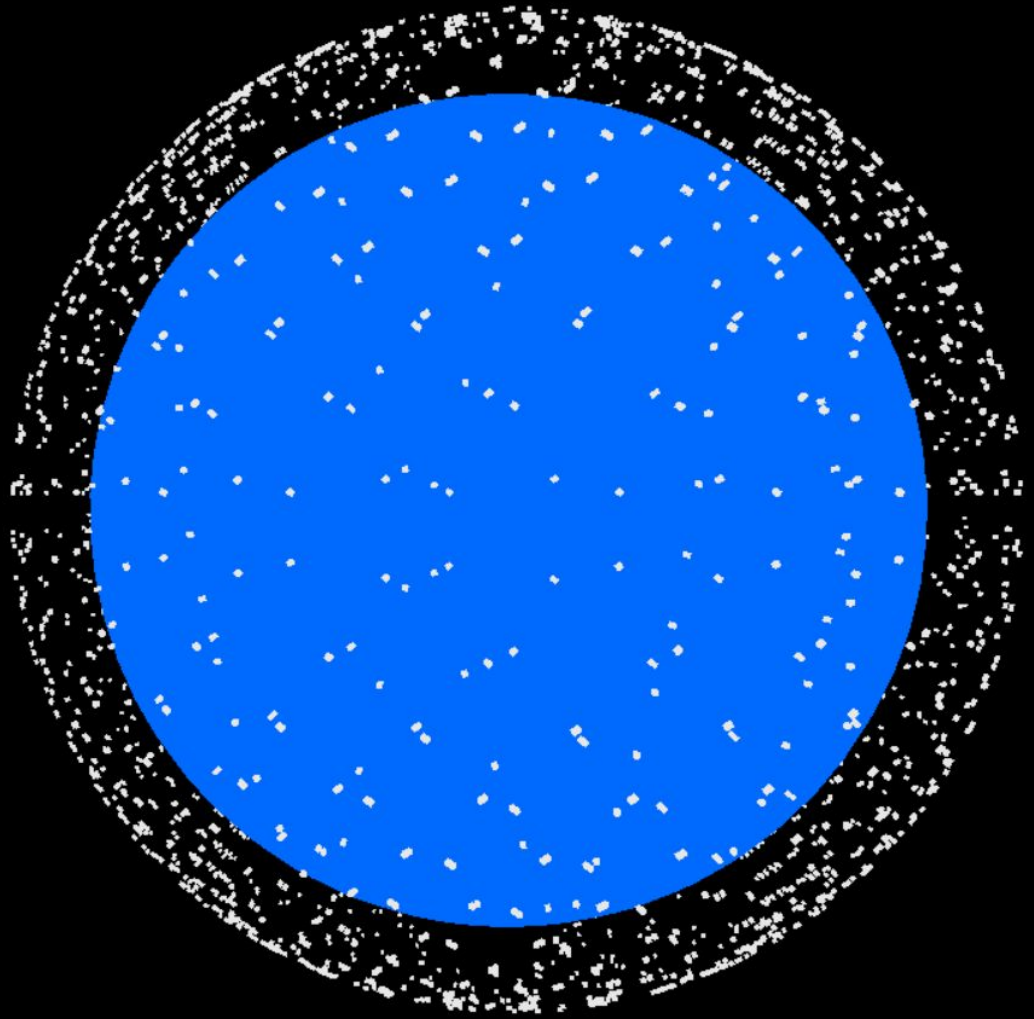
Why not the internet, but in space?

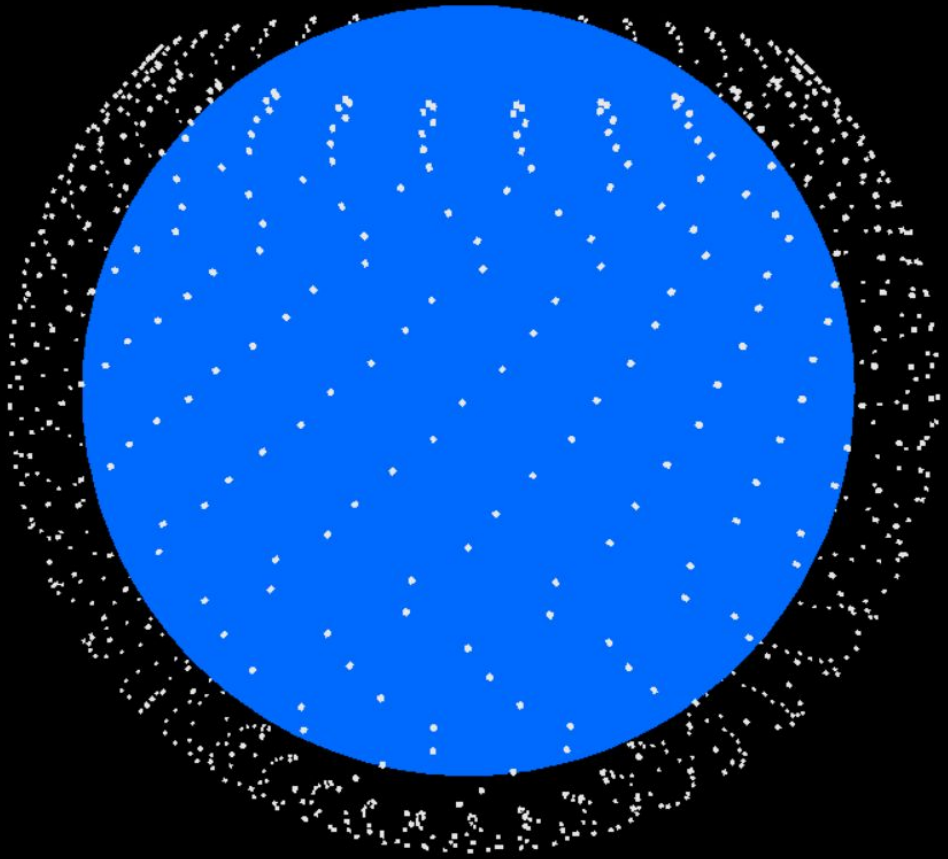
exede®
internet
Authorized Retailer

464kbps



SPACEX





Objectives

- VIsualise the SpaceX system.
- Model paths across this network, and test the associated latencies.
- Experiment with other constellations and parameters, test them for number of paths, latencies of paths and connectivity.

Resources

- Godot
- C#
- FCC documents
- Mark Handley @ UCL

Elon Musk

@elonmusk

Replying to @realDonaldTrump and

Thank you on behalf of SpaceX.

3:29 AM - Feb 7, 2018