

October 28, 2020
MSE 2101 topics

- Water on Europa?
 - lack of impact craters
 - zig-zaggy (a.k.a. chaotic) terrain
 - magnetic field
 - future prospects: altimetry and radio wave reflections
 - just how much water might there be?
- Life on Europa
 - building blocks? liquid? energy?
 - energy for the origin and energy for ongoing life support
- Ganymede, Callisto, and other moons of Jupiter
- Titan
 - size, atmosphere and temperature
 - but *why* atmosphere? It's a moon, and it's far away!
 - Voyager 2: a smoggy moon
 - composition of the moon, composition of the atmosphere
 - Cassini + Huygens: Titan is Earth-like!
- Wait, Earth-like? Liquid, boulders, volcanoes, dirt, dunes
- Life on Titan?