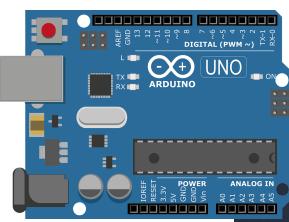
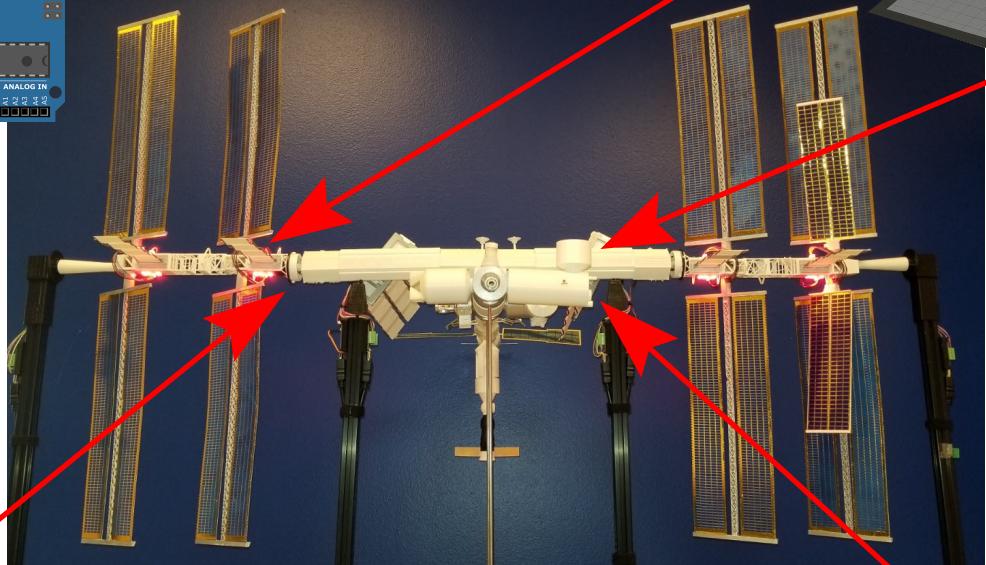


$$\sum_{n=1}^{\infty} \frac{x^{2n+3}}{2\sin(a)} \frac{\sin(x)}{1-\cos(a)} \sum_{i=0}^{\infty} x_i^{(b)} \frac{(x)^i}{i!} = \sum_{n=0}^{\infty} x_n^{(b)} \frac{(x)^n}{n!}$$

Physical STEM Model Replicating ISS Real-time

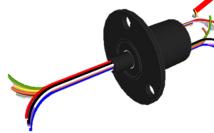


Arduino controls motors and LEDs

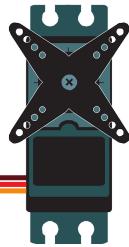


Micro gear motors rotate solar array joints

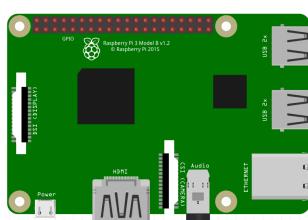
3D printed elements



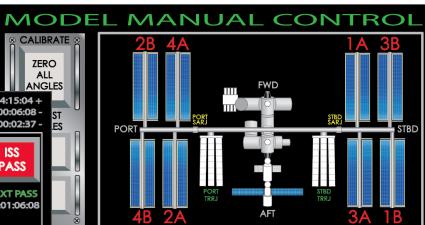
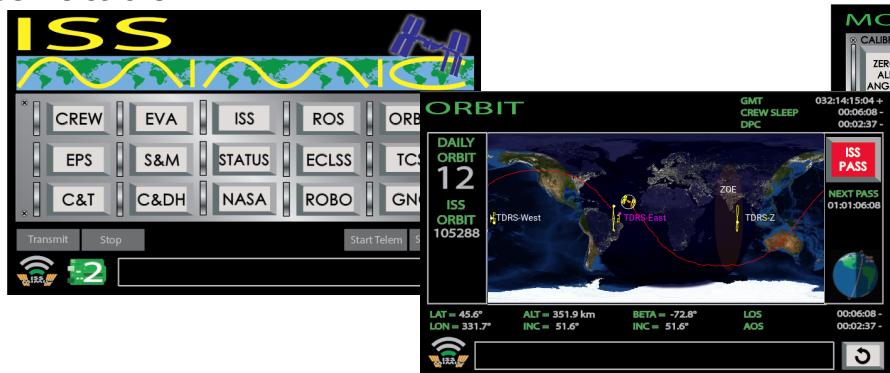
Slip rings allow truss rotation



Servo motors drive radiators



Rasp Pi drives displays



MIMIC - Mechatronic Instantiated Model, Interactively Controlled
Driven by publicly available live data from the real ISS



ISSmimic.space



r/ISS-Mimic



iss_mimic



@ISS.mimic



@ISS_Mimic

Primary contact: iss.mimic@gmail.com
<https://github.com/ISS-Mimic/Mimic>