

There is an intangible societal need to connect with the universe. This is why the space program is so popular. Through the space program the people of the world can touch the universe, touch infinity.

Spacecraft reconnaissance of our solar system continues a legacy of exploration ingrained in our psyches. In the process of this exploration the aura and soul of NASA's Juno mission to the planet Jupiter, like the Medici of the Renaissance, has inspired, facilitated and embodied a broad spectrum of human creativity, including not only science and technology, but also history and literature, art and music, and visualization and public engagement. Indeed, through Juno the world is witness to a remarkable convergence of art and science, witness to a New Renaissance. Juno is an ambassador to the universe of this New Renaissance.

In my paper I will unveil the Juno mission at Jupiter and the amazing cultural connection that defines its mission. I will speak of Juno's public engagement program called Science in a Fishbowl, which encourages public participation in processing, in often artistic ways, imaging data taken of Jupiter by JunoCam, the camera on Juno. I will also assemble and describe a 3-D scale model of the

orbital mission of Juno at Jupiter. The scale of the model is  $1'' = 2 R_J$ . The model, assembled at COSPAR 2018 in Pasadena, CA, is shown below.

In summary, I will unveil a dimension of the Juno mission to the planet Jupiter that will appeal to a broad sector of the global public.



Model of the Juno Trajectory at Jupiter, COSPAR 2018.