of the E ring. Observations made by the Cassini mission reveal localized variations in the ring's brightness near Enceladus. Some variations could be concentrations of material launched from specific geysers called tendrils (Mitchell et al. 2015, Icarus). However, some of the larger-scale patterns could also represent "moon wakes", organized disturbances in the orbital properties of ring material produced by Enceladus' gravitational field.



Enceladus can be computed using Hill's Equations. Trajectories that start close to while trajectories that start further away pass by the moon.





Some of the text in this poster has been changed since the meeting to reflect results of further analysis.



