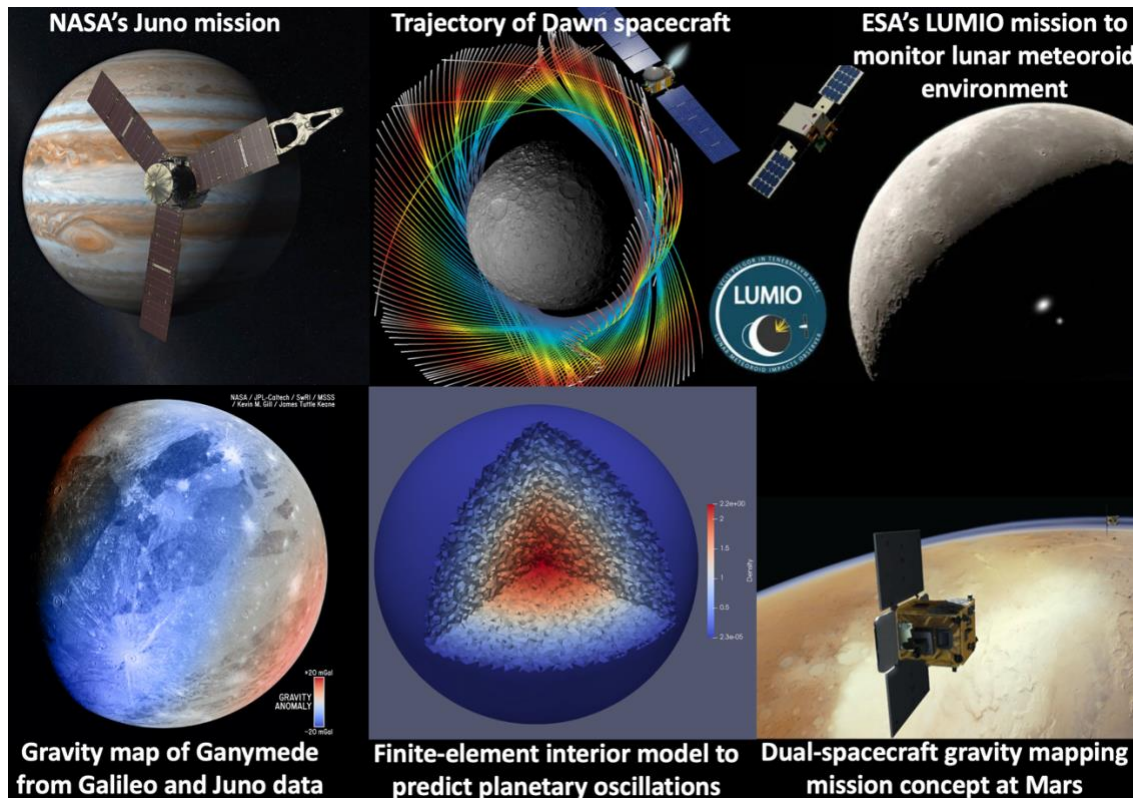


Ph.D. Positions in Aeronautics and Astronautics at Stanford

Stanford University's [Department of Aeronautics and Astronautics](#) is opening a new research area of planetary science and exploration. We invite highly motivated and talented individuals to apply for Ph.D. positions in Professor Anton Ermakov's research group. We are particularly enthusiastic about candidates with mixed science and engineering background at the convergence of aerospace engineering, remote sensing, planetary science, and geophysics.



Possible research projects:

1. Geophysical inversions of heterogeneous spacecraft data
2. Analysis of the NASA's Juno mission data (gravity, shape, microwave radiometry, magnetometry) and geophysical modeling of the Jovian satellites and Jupiter
3. Development of geophysical space missions to asteroids, Mars and Ocean Worlds
4. Development of the ESA's LUMIO mission to monitor meteoroid environment in cis-lunar space

Desired Qualifications:

1. Bachelor's or Master's degree in such fields as aerospace engineering, Earth and planetary sciences, geophysics, geology or applied math
2. Experience in independent research
3. Strong academic record

Research projects can be done in collaboration with the [Department of Geophysics](#) and [Earth & Planetary Sciences](#). The graduate school admission process at Stanford Aero/Astro is not in the hands of individual faculty. It is managed collegially by the department. Applicants are encouraged to review the admission policies [here](#). More information on Prof. Ermakov's research can be found [here](#).