

Headquarters for the University of California Observatories

From Earth to the edge of the universe, UC Santa Cruz makes giant impacts in astronomy, astrophysics, and planetary science.

We are pioneering new technologies for giant telescopes, adaptive optics, and gamma-ray astrophysics; discovering planets beyond our solar system and the most distant galaxies in the universe; and reshaping paradigms in cosmology, astrophysics, and particle physics. From NASA missions to the UC Observatories, we help people see what has never been seen before.

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## Small school. Giant Impact.

Computer simulation of an impact between the moon and a smaller companion 4.4 billion years ago (*Nature* 2011)