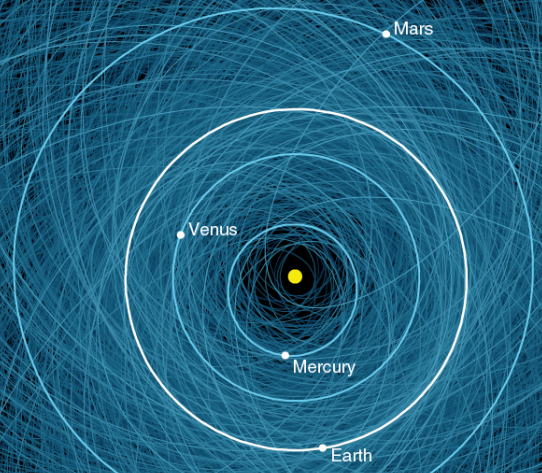


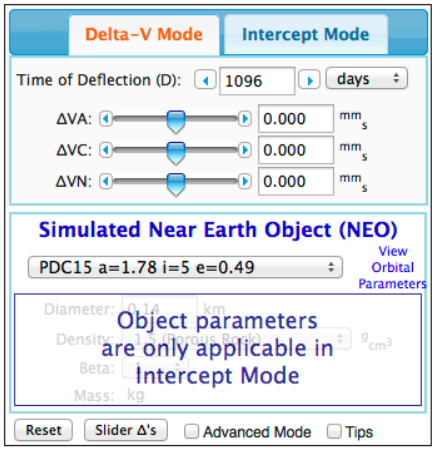
Upcoming Asteroid Deflection Technology Workshop

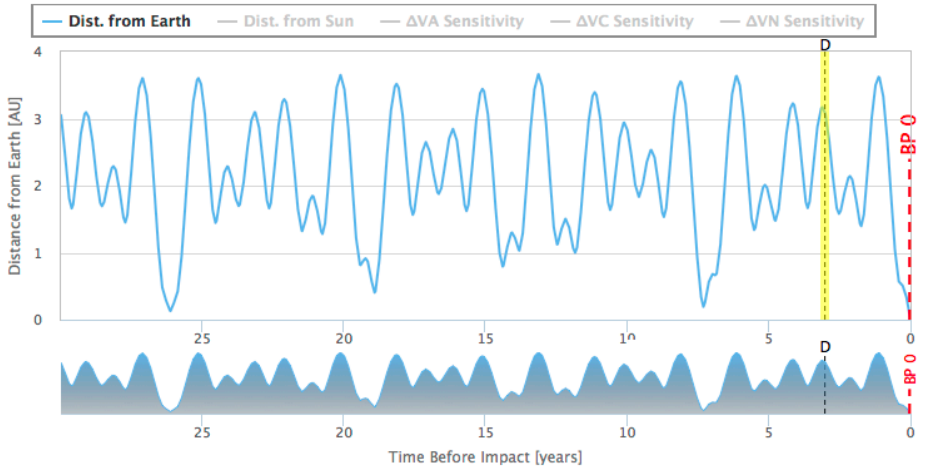
Paul Chodas (JPL Center for NEO Studies)

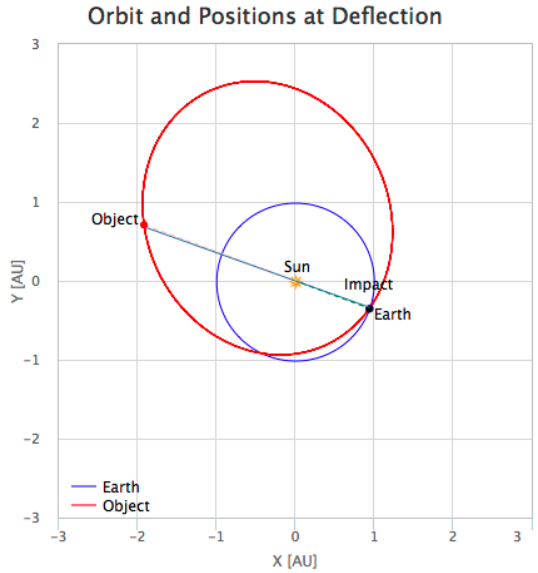
SMPAG Meeting, October 14, 2016

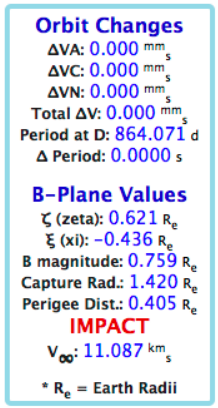
Design Your Own Deflection Mission

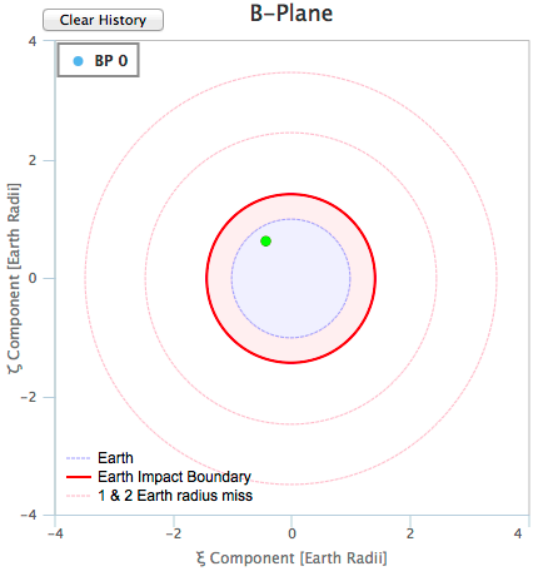
http://neo.jpl.nasa.gov/nda











Read overview

Start the app

Take a tour of the app using the 2015 PDC scenario

Asteroid Deflection Technology Workshop

- An international workshop for astrodynamics and space mission specialists to discuss key technical issues associated with asteroid deflection, such as:
  - Technical analyses of current and past PDC impact scenarios
  - Development of end-to-end deflection campaigns
  - Studies of the rate and direction of shift in impact footprints
  - Dealing with both *a priori* and *a posteriori* uncertainties
  - Mission concepts for rapid-response impactor characterization
  - Mission design strategies, small-sat concepts, …
- Inlcude participation from AIDA & ARM teams, NASA centers, industry and academia
- Hosted by CNEOS/JPL and held at Caltech, February 28 – March 2, 2017