

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



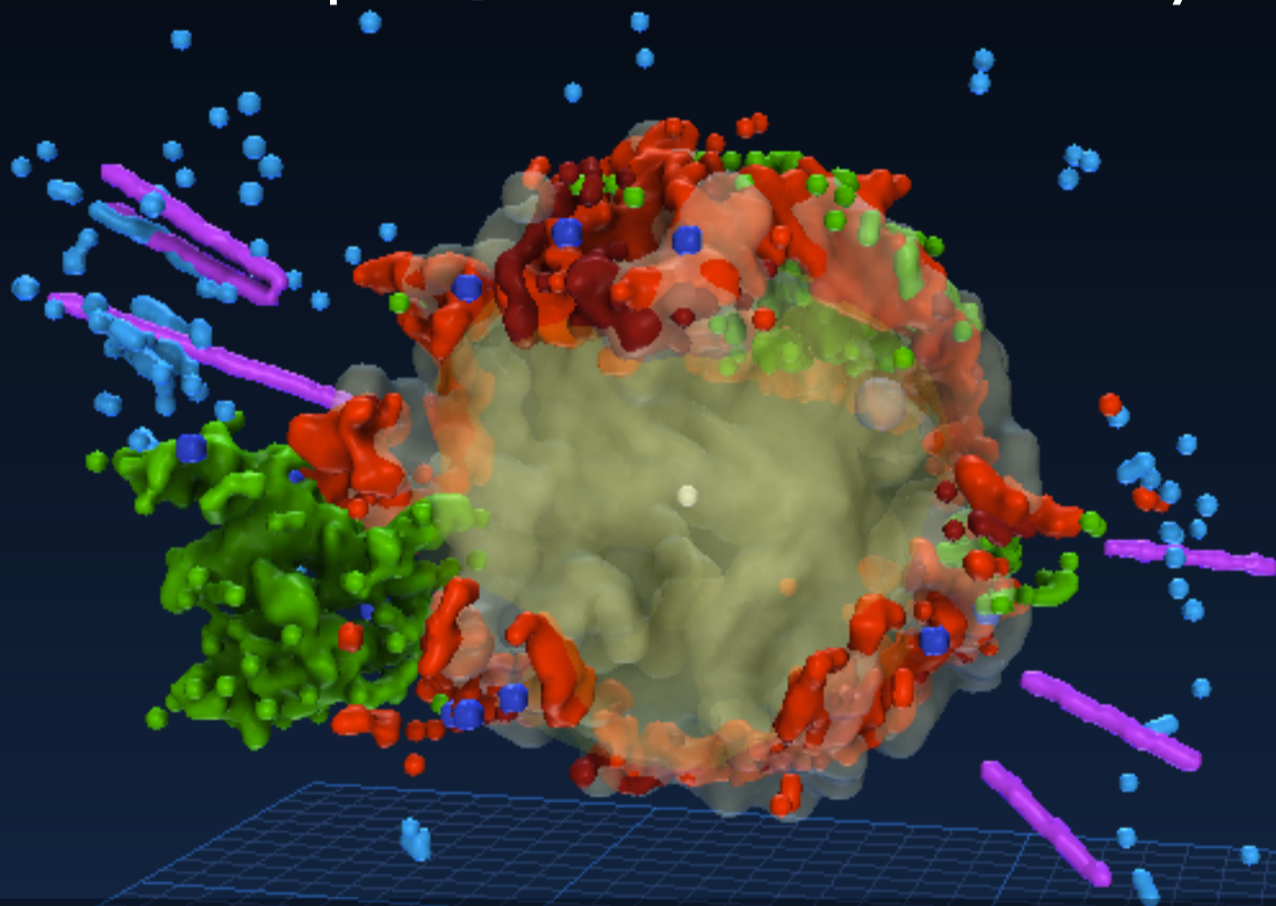
STARGAZING & LECTURE SERIES

How to Hold a Dead Star In Your Hand

Kimberly Arcand

Friday, December 16th, 7:00PM

Pupin Hall, Columbia University



Most celestial objects in our Milky Way are so far away from us we can't send spacecraft to them, let alone do proper three dimensional scans of the them. But, for the first time, researchers have been able to create a 3D reconstruction of one particular supernova remnant in our galaxy: Cassiopeia A. This talk will shine a light on the process of how we collect the astronomical data, use brain imaging software to visualize the third dimension, and eventually print out copies so we can hold a dead star in our hand.

These are free lectures at a public level followed by guided stargazing with telescopes (weather permitting). All events are held at Pupin Hall at Columbia University. No reservations are needed. Lectures are 30 minutes, stargazing lasts 90 minutes. Stay only as long as you want.

For directions, weather updates and more information, please visit:

<http://outreach.astro.columbia.edu>