Proposal: G. Besla Cycle 25 AR HST

We propose to develop high resolution simulations to quantify the time evolving structure of the Milky Way's dark matter halo owing to the influence of the Large and Small Magellanic Clouds. These novel models will enable rapid orbital integration of halo objects (satellites, globular clusters, stellar streams), using high accuracy HST proper motions.

1. What might be the problem(s) to address?
2. What is the “key component”?
3. What is the “Target”?
4. What might be the facts to set the stage?
5. What might be the title?