

## Technical Page

Proposal Type: Regular  
 General Category: Planetary Radar  
 Observation Category: Solar System  
 Total Time Requested: 14:15 Hours

**Proposal Title:** Radar imaging of asteroid 1999 CU3

*ABSTRACT:*

We propose delay-Doppler imaging of 1999 CU3 to discern 100-m scale surface features, to reconstruct the asteroid's shape, to constrain its pole direction, and to constrain the degree and distribution of its wavelength-scale surface roughness.

Name	Institution	E-mail	Phone	Student
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I do NOT want to do remote observing.

**Instrument Setup**

S-Band radar

**Atmospheric Optical Instruments:**

**Special Equipment or setup:** none

**RFI Considerations**

**Frequency Ranges Planned**