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.

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<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lance A. M. Benner</td>
<td>Jet Propulsion Laboratory</td>
<td><a href="mailto:lance@reason.jpl.nasa.gov">lance@reason.jpl.nasa.gov</a></td>
<td>818-354-7412</td>
<td>no</td>
</tr>
</tbody>
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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