Technical Page

Proposal Type: Regular
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 12.75 Hours

Proposal Title: Radar imaging of asteroid 5604 (1992 FE)

ABSTRACT:
We propose delay-Doppler imaging of 1992 FE during its close approach in July 2002 to discern hectometer-scale surface features, to reconstruct the asteroid's shape, and to determine its spin state.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
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<td>818-354-7412</td>
<td>no</td>
</tr>
</tbody>
</table>

Service Observing Request

- [x] None
- [ ] All of the observing run.
- [ ] Part of the observing run.
- [ ] Queue Observing

Remot e Observing Request

- [x] No
- [ ] Maybe
- [ ] Yes

Instrument Setup
S-Band radar

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned