

Technical Page

This proposal has not been submitted before.

Proposal Type: Urgent
 General Category: Planetary Radar
 Observation Category: Solar System
 Total Time Requested: 7.5 Hours
 Minimum Useful Time: 3 h

Proposal Title: Urgent Proposal for Radar Observations of Near-Earth Asteroid 2009 FD in March of 2014

ABSTRACT:

We propose radar observations of recently re-discovered near-Earth asteroid 2009 FD to refine its orbit and characterize its physical properties. This object has a small chance of impacting Earth in 2190 that Arecibo radar astrometry could eliminate with an improved orbit.

Name	Institution	E-mail	Phone	Student
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Remote Observing Request

- Observer will travel to AO
 Remote Observing
 In Absentia (instructions to operator)

Instrument Setup

S-Band radar S-band receiver

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned