

Technical Page

Proposal Type: Long Term
 General Category: Pulsars
 Observation Category:
 Total Time Requested: 336 Hours

Proposal Title: TIMING OBSERVATIONS OF 8 PULSARS FROM RECENT AO SEARCHES
ABSTRACT:

We request here the use of the Arecibo Telescope to perform timing observations for 5 new pulsars discovered in our Arecibo Declination Strip Search, concentrating on the new millisecond pulsar J0030+0454. In addition, we would like to resume timing observations of the fast pulsar J0751+1807 (453, 419) and two others pulsars (J0631+1036 and J1843+20) discovered in a search targeted at X-ray sources.

Name	Institution	E-mail	Phone	Student
Alex Zepka	University of California at Berkeley	zepka@bkypsr.berkeley.edu	(510) 642-9222	

Service Observing Request

- None
- All of the observing run.
- Part of the observing run.
- Queue Observing

Remote Observing Request

- No
- Maybe
- Yes

Instrument Setup

430 MHz CH receiver

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: ABPP Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal