

## Technical Page

Proposal Type: Long Term  
 General Category: Pulsars  
 Observation Category:  
 Total Time Requested: 24 Hours

**Proposal Title:** Timing Observations of Two Pulsars Associated With Supernova Remnants  
**ABSTRACT:**

A continuation of long-term timing measurements of two pulsars, PSR J0538+28 and PSR B1853+01, known to be associated with supernova remnants, is proposed. The goals of this project include monitoring of timing activity (glitch behavior), astrometry, and a study of dispersion measure variations. The Penn State Pulsar Machine (PSPM) will be used for data acquisition.

Name	Institution	E-mail	Phone	Student
Stuart A. Anderson	California Institute of Technology	sba@srl.caltech.edu	(818) 395 6605	N

### 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: Software needs: Media needs:

### RFI Considerations

### Frequency Ranges Planned

see proposal