**Technical Page**

**Proposal Type:** Long Term  
**General Category:** Pulsars  
**Observation Category:**  
**Total Time Requested:** 72 Hours  

**Proposal Title:** Timing Observations of the Planet Pulsar, PSR B1257+12  

**ABSTRACT:**
A continuation of long-term timing measurements of the planet pulsar, PSR B1257+12, at 430 MHz with the PSPM are proposed. The most important expected results are: (i) verification of a possible fourth planet, (ii) measurements of planetary perturbations with improved precision (e.g. detection of conjunction “spikes”), (iii) possible detection of further planets and of asteroidal “timing noise”.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
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</thead>
<tbody>
<tr>
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**Service Observing Request**  

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

**Remote Observing Request**  

- [X] No  
- [] Maybe  
- [] Yes  

**Instrument Setup**
L-band 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