Technical Page

Proposal Type: Regular
General Category: Astronomy
Sub-Category: Spectroscopy
Observation Category: Galactic
Total Time Requested: 100 Hours

Proposal Title: Spectral scan of Galactic star-forming regions TMC-1 and W 51 at low frequencies.

ABSTRACT:
We propose to conduct spectral scans of two star-forming regions, TMC-1 and W 51 within the frequency range 4 - 6 GHz. We expect to find new molecules and new molecular lines of already known molecules, which will help us to better understand chemical and physical processes in molecular clouds.

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<tr>
<th>Name</th>
<th>Institution</th>
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<th>Phone</th>
<th>Student</th>
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I do NOT want to do remote observing.

Instrument Setup

C

Atmospheric Optical Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

4000 - 6000