Technical Page

Proposal Type: Regular
General Category: Astronomy
Sub-Category: Spectroscopy
Observation Category: Extragalactic
Total Time Requested: 63 hours

Proposal Title: The Magellanic Stream

ABSTRACT:
We propose to map two regions in the northern half of the Magellanic Stream (MS), altogether \( \sim 7 \) square degrees large. The aim of this project is two-folded. Firstly, we want to investigate whether the MS is confined by the Galaxy halo or is dissipation. And secondly, we wish to probe the existence of the small-scale structure and the hierarchy of structure due to the interstellar turbulence in this almost primordial environment.

<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>
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</tbody>
</table>

Instrument Setup

L-narrow

Atmospheric Optical Instruments:

Special Equipment or setup: **none**

RFI Considerations

Frequency Ranges Planned

1413 - 1427

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