

TAC Meeting Minutes

Participants:

- Siddhant Deshmukh (PhD student)
- Prof. Dr. Norbert Christlieb (supervisor)
- Apl. Prof. Dr. Stefan Jordan (advisor)
- Dr. Hans-G. Ludwig (advisor)

Date/time: 11 May 2022, 15:00-16:00

Place: Online

Start of thesis: 15 August 2019

Tentative title: *Non-equilibrium processes in cool stellar atmospheres*

During the third TAC meeting, two aspects were discussed:

1. Defence Requirements
2. Publications

Concerning Defence Requirements

Teaching and lecture requirements have been fulfilled. The astronomy lab course is the final requirement that will be clarified soon. The prerequisite requirements have been met according to the thesis committee, but confirmation from the HGSFP is required.

Concerning Publications

While no papers have been accepted thus far, a paper concerning the solar silicon abundance has been submitted and resubmitted, and will be resubmitted for a second time in the coming few weeks. A paper regarding chemical disequilibrium processes in carbon enhanced metal-poor dwarf stars is estimated to be submitted mid-June. A third paper concerning a similar analysis in red giant stars is expected to be submitted shortly afterwards, but the recommendation from the committee was to focus on the former two papers due to the time constraints.