

Astrophysics and Molecular Physics

Module No.: MN-P-SP-Astro, MN-P-SP-Mol, MN-P-PN-Astro, MN-P-PN-Mol, MN-P-WaMa

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Course: Advanced Seminar on Current Topics of Molecular and Astrophysics

Lecturers: S. Schlemmer, P. Schilke

Email: schlemmer@ph1.uni-koeln.de, schilke@ph1.uni-koeln.de

Category	Type	Language	Teaching Hours	CP	Semester
Advanced Seminar	Seminar	English	2	3	WiSe/SuSe

Requirements for participation:

Atomic Physics and Quantum Mechanics at the level of the bachelor courses in physics, Molecular Physics I, Astrophysics I and II

Type of module examinations:

Presentation in form of a seminar talk. Afterwards answering of questions from the audience.

Duration of the course:

1 semester

Aims of the course:

At the beginning of each semester a list of current research topics is presented to the students in the seminar. The topics are mostly based on one or more recent publications of general interest to the subject of molecular and astrophysics. Students pick one topic, read selected papers, discuss the content with a tutor, prepare a seminar talk, make the presentation in front of an audience and answer questions of the audience related to the presentation.

Contents of the course:

- Depending on choice of topic of presentation

Recommended literature:

Selected reading of publications based on the topic of choice