



Zentrum für Astronomie
der Universität Heidelberg (ZAH)

**Compact
Lecture
2017**

Oct. 2 - Nov. 20

Introduction to Astronomy

(Module MVAstro0)



14 Lectures & Exercises .

Lectures: 1st Part (daily): Oct. 2 – Oct. 13, 2017: 9:30-13:00,
Exercises: 14:00-16:00 or 16:00-18:00

2nd Part (weekly): Oct. 16 – Nov. 20, 2017, Mondays
14:30-18:00, Exercises: Wed. 14:00 – 16:00 or 16:00-18:00

Location: Lecture: Kleiner Hörsaal, Philosophenweg 12; 2nd floor,
Exercises: ARI seminar room, Mönchhofstr. 12-14

Objective:

Achieving basic knowledge on Astronomy & Astrophysics, basics on how data are taken, analysed and interpreted, as well as on techniques of astrophysical research.

Content:

Astronomical basics, instruments, Solar system, inner structure of stars, stellar evolution, interstellar medium, the Milky Way, galaxies, cosmology.

Target Audience:

Master and PhD students in Physics and Astronomy. Advanced Bachelor students can participate in the lectures and exercises instead of the 2-semester course „Einführung in die Astronomie I und II mit Übungen“ of Bachelor Module WPAstro.

Lecturers:

*Apl. Prof. Dr. Andreas Just & Apl. Prof. Dr. Stefan Jordan
(Astronomisches Rechen-Institut)*

Lectures and exercises are given in English language.

For more information: <http://wwwstaff.ari.uni-heidelberg.de/just/teaching/WS17/IAA17/>