



Zentrum für Astronomie  
der Universität Heidelberg (ZAH)

**Compact  
Lecture  
2016**

**Oct. 4 - Nov. 21**

# Introduction to Astronomy

(Module MVAstro0)



## 14 Lectures & Exercises

Lectures: **1<sup>st</sup> Part (daily)**: Oct. 4 – Oct. 14, 2016

9:30-13:00, Exercises: 14:00-16:00 or 16:00-18:00

**2<sup>nd</sup> Part (weekly)**: Oct. 17 – Nov. 21, 2016, Mondays

14:30-18:00, Exercises: Wed. 14:00 – 16:00 or 16:00-18:00

Location: Lecture: Kleiner Hörsaal, Philosophenweg 12; 2<sup>nd</sup> 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 check <http://wwwstaff.ari.uni-heidelberg.de/just/teaching/WS16/IAA16/>