

Heidelberg Astronomy PhD School

applications are invited for the doctoral program of the International Max Planck Research School for Astronomy & Cosmic Physics at the University of Heidelberg (IMPRS-HD)

starting summer/autumn 2016.

The scientific environment in Heidelberg provides outstanding research facilities with access to ground-based and space telescopes as well as high-performance computers.

The following institutions of the Max Planck Society and Heidelberg University take part in IMPRS-HD:

- Max Planck Institute for Astronomy**
- Max Planck Institute for Nuclear Physics**
- Astronomisches Rechen-Institut**
- Institute of Theoretical Astrophysics**
- Landessternwarte Koenigstuhl**
- Heidelberg Institute of Theoretical Studies**

IMPRS-HD is an independent part of the Heidelberg Graduate School of Fundamental Physics.

A wide range of astrophysical topics is covered in Heidelberg, among them

**** planet & star formation, metal-poor stars ** extrasolar planets & substellar objects ** astrometry ** formation, evolution & dynamics of galaxies ** active galactic nuclei & massive black holes ** gravitational lensing ** cosmology & structure formation ** high energy astrophysics, cosmic rays & search for non-baryonic dark matter ** instrumentation for astronomy & astro-particle physics ****

IMPRS-HD offers several fellowships within the graduate program.

We invite highly-qualified students aiming for a doctoral degree in astrophysics to apply by

- November 21, 2015 for the academic year starting Sept. 2016

An earlier start of the research work is possible.

Applicants are generally required to expect a MSc (or equivalent) in Physics or Astronomy, including an extensive MSc thesis and a very good physics background.

For further information about IMPRS Heidelberg and details of the application procedure, we refer to our web-site at

<http://acp.iwww.mpg.de/>