



Max-Planck-Institut für Astronomie (MPIA)

Postdoctoral Position in Observational or Theoretical Cosmology at the Max Planck Institute for Astronomy (MPIA) in Heidelberg (Ref. No. 09-05)

The Max Planck Institute for Astronomy (MPIA) in Heidelberg, Germany, is seeking ambitious highly qualified candidates to fill one postdoctoral research position in Dr. Joseph Hennawi's extragalactic research group.

We are particularly interested in research on: quasar absorption lines, the Lyman alpha forest and the intergalactic medium, the epoch of Helium reionization, cosmological hydrodynamical simulations, strong and weak gravitational lensing, and studies of quasars and active galactic nuclei at high redshifts, especially in relation to large surveys. Both theorists and observers are encouraged to apply.

At present, the 'Galaxies and Cosmology' department at MPIA is pursuing a wide range of astrophysical research encompassing large observing programs, instrument development and theoretical modelling. MPIA researchers have privileged access to the twin 8.4 meter Large Binocular Telescope in Arizona, the 2.2 m MPG telescope on La Silla, the 2.2 and 3.5 m telescopes on Calar Alto, and access to all ESO facilities and the Very Large Telescope (+ Interferometer) in Chile. In addition to these facilities, MPIA astronomers regularly use (sub-)millimeter observatories such as IRAM and APEX. A number of exciting new research opportunities will soon become available to MPIA, including the PanSTARRS1 Survey, the SDSS-III's Baryon Oscillation Spectroscopic Survey (BOSS), guaranteed time programs with the HERSCHEL mission, and an improved computing cluster.

Applicants should have a PhD in astronomy, astrophysics, or a closely related field. The appointment will be for an initial period of two years with a likely extension to a total of three years; MPIA provides funds for publications, travel, etc.

Candidates should send a single pdf file containing their application materials, including curriculum vitae and a brief statement of research interests to the address below and arrange for three letters of reference to be sent directly to that address. Letters will not be acknowledged. Applications received by September 1st, 2009 will receive full consideration. Late applications will be considered until the position is filled. For further inquiries, please contact Joseph Hennawi (joe@mpia.de).

Max-Planck-Institut fuer Astronomie
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The Max Planck Society is an equal opportunity employer. Applications from women, disabled people and minority groups are particularly welcome. The MPIA supports its employees in their search for suitable child care.

