IMPRS Heidelberg invites applications to the 8th Heidelberg Summer School.

This school will focus on fundamental topics in high energy astrophysics, highlighting recent observational and theoretical progress. The three primary lecture courses will cover the major radiation processes, particle acceleration mechanisms and relativistic magnetohydrodynamics, and discuss their relevance for our understanding of astrophysical objects such as supernova remnants, pulsar wind nebulae and active galactic nuclei. Highlight lectures by prominent experts on specific topics will complement the program.

**Invited key lecturers:** John Kirk (Max Planck Institute for Nuclear Physics)  
Malcolm Longair (Cambridge University)  
Yuri Lyubarsky (Ben-Gurion University)

Deadline for registration is July 1, 2013  
Information & registration: www.mpi-a.de/imprs-hd  
e-mail: imprs-hd@mpia.de