

FIRST CIRCULAR
18th Workshop on Nuclear Astrophysics
March 14 – 19, 2016

Ringberg Castle, near Bad Wiessee, Tegernsee, Germany

We will again organize a workshop on recent problems in nuclear astrophysics at the scenic Ringberg Castle. The aim of the workshop will be to bring together astrophysicists, nuclear physicists, and astro-particle physicists to discuss topics of common astrophysical interest such as

- hydrostatic and explosive nucleosynthesis (including abundance determinations in stars, supernovae, novae, etc.)
- chemical evolution of the Galaxy (abundance yields, evolution models, and observations)
- nuclear physics input for astrophysics (weak interaction processes, thermonuclear reaction rates, nuclear equation of state)
- astro-particle experiments (cosmic rays at high energies, solar and cosmic neutrinos, ultra-energetic gamma-rays)

In order to keep the character of a workshop and due to the available space at the castle, the number of participants must be limited to about 50. The expenses for full board at the castle are 107 Euro/day, which include a conference charge of 12 Euro/day, a drink with each meal and refreshments during conferences.

People with active research interests in the field are cordially invited to send their application to the organizers by filling in the 1st questionnaire to be found on the conference webpage (see below) as soon as possible but not later than **December 15, 2015**.

We have set up a webpage for the workshop where information concerning travel to and accommodation at the castle can be found:

wwwmpa.mpa-garching.mpg.de/Hydro/NucAstro/workshop.html

Please be so kind to inform colleagues in your department who might be interested in the workshop.

Wolfgang Hillebrandt and Ewald Müller

Max-Planck-Institut für Astrophysik, Karl-Schwarzschild-Str. 1, 85748 Garching, Germany