

FIRST CIRCULAR
16th Workshop on ‘Nuclear Astrophysics’
March 26 – 31, 2012

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 100 Euro per day. There will be no additional conference fee.

People with active research interests in the field are cordially invited to send their application to the organizers. To aid us in planning, please return the enclosed questionnaire by fax soon but **not** later than December 15, 2011.

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

www.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

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