

FIRST CIRCULAR

Dear colleague,

We would like to inform you about an upcoming workshop dedicated to the topic "*Neutrino mass determination in the electron capture process (NeuMa)*":

- The NeuMa workshop will be held at GSI on March 8-9, 2007, in the theory seminar room.
- The main goal of the workshop is to discuss in detail possibilities and tools for the neutrino mass determination by electron capture of nuclei, taking into account the impressive progress in Penning trap mass spectrometry, in cryogenic microcalorimetry and in other innovative techniques.
- We consider that the number of participants of the workshop is restricted to 35-40 persons - experts in the field.

PROPOSED TOPICS OF THE WORKSHOP ARE:

- Penning trap installations and developments for ultra-precise mass spectrometry,
- cryogenic microcalorimeters and other bolometric systems dedicated to precise atomic cascade measurements,
- methods for determination of ultra-weak capture branching ratios,
- methods of the neutrino mass determination,
- impact on theory

ORGANISATIONAL ISSUES:

For the workshop registration please return the following registration form to ap2002@gsi.de by latest February 15, 2007.

There will be no fee for this workshop.

WORKSHOP REGISTRATION FORM

Name:

Institution (Country):

Arrival date:

Departure date:

ACCOMMODATION

For the participants of the workshop a contingent of rooms is available at the Hotel Weißer Schwan, Frankfurter Landstraße 190, D-64291 Darmstadt/Arheilgen, Tel.: +49 6151 371702, Fax: +49 6151 377884, info@da-schwan.de, www.da-schwan.de. The room rate is 50.00 € per person and night, breakfast included. This arrangement will be valid latest until February 9. Please contact the hotel directly; accommodation via GSI is not possible. A bus shuttle service from the hotel Weißer Schwan to GSI during the workshop will be organised.

You can find directions to come to GSI at:
http://www.gsi.de/informationen/visitors/index_e.html.

Please let us know in case we can help you in any way.

We are looking forward to seeing you soon at GSI.

Best regards,

Organising Committee:

H.-J. Kluge – Chairman,

K. Blaum, P. Egelhof, F. Herfurth, S. Luettges,

Yu. Novikov, W. Quint