

FAKULTÄT für PHYSIK
LUDWIG-MAXIMILIANS-UNIVERSITÄT
MÜNCHEN/GARCHING

PHYSIK-DEPARTMENT
TECHNISCHE UNIVERSITÄT MÜNCHEN
MÜNCHEN/GARCHING

MLL-KOLLOQUIUM für KERN- und TEILCHENPHYSIK

Donnerstag, 04.02.2010, 16¹⁵ Uhr

Hörsaal der LMU in Garching, Am Coulombwall 1
Treffen zum gemeinsamen Kaffee 16 Uhr

Prof. Alan Chen
(McMaster University/Canada and TUM-Excellence Cluster 'Universe')

On using exotic ion beams to study the production of galactic Aluminum-26

The goal of understanding the production of galactic Al-26 brings together progress in nuclear astrophysics from observations, theory, meteoritics, and laboratory experiments. In the case of experimental work, nuclear reactions involving unstable isotopes are being studied to elucidate the production of Al-26 in stellar explosive nucleosynthesis. This colloquium will discuss recent experiments carried out by our McMaster group to study such reactions with radioactive ion beams at various accelerator laboratories worldwide; in the process, it will also provide a survey of some of the different techniques currently used in laboratory experiments on the origin of the elements.

gez. Peter Thierolf
Tel. 289-14064

gez. Norbert Kaiser
Tel. 289-12367