



The Faculty of Physics invites applications for a

**Professorship (W2) (6 years/tenure track)
in Experimental Physics: Laser-Driven Ion Acceleration**

commencing as soon as possible.

The successful candidate is expected to represent the entire field of Experimental Physics in research and teaching at the university.

He/she is expected to direct a pioneering research program that studies laser-driven ion acceleration and develops quasi-monoenergetic proton and ion sources for a wide range of biological and medical applications, with particular emphasis on tumour therapy. Experiments will be accompanied by theoretical simulations. The successful candidate will have full access to the state-of-the-art high-power laser infrastructure of the newly established Centre for Advanced Laser Applications (CALA). The professorship will be embedded in the DFG cluster of excellence Munich-Centre for Advanced Photonics (MAP). The successful candidate will be expected to play a central role in further strengthening the interdisciplinary collaboration that already exists (in the framework of MAP) between physicists, biologists and physicians of both Munich universities.

Prerequisites for this position are a university degree, a doctoral degree, teaching skills at university level and a post-doctoral degree (Habilitation) or equivalent qualification that may have been gained outside the university or may consist in a junior professorship.

The initial appointment will be for six years. After a minimum of three years it may be converted to tenure pending a positive evaluation of the candidate's aptitude for teaching and research as well as the candidate's pedagogical and personal aptitude if all legal conditions are met. In exceptional cases involving candidates with outstanding qualifications, a tenured position may be offered from the outset.

Candidates for this position should be aged 52 or under at the time of appointment. Exceptions thereto may be considered in the case of outstanding candidates.

The University of Munich is an equal opportunity employer and aims to increase the number of female faculty members. Therefore, applications from female candidates are explicitly encouraged.

Disabled candidates with essentially equal qualifications will be given preference.

The University supports dual career couples.

Please submit your application comprising a curriculum vitae, documentation of academic degrees and certificates as well as a list of publications to the Dean of the Faculty of Physics, Schellingstr. 4, D-80799 Munich, Germany, not later than September 30, 2010.