



The Deutsches Elektronen-Synchrotron (DESY), location Zeuthen, in a common call with the **University of Potsdam, Faculty of Mathematics and Natural Sciences,** invites applications for the position of a

Professor of Theoretical Astroparticle Physics (W3)

The position is combined with that of a leading scientist at DESY.

The neutrino astrophysics group in Zeuthen is one of the leading partners of the IceCube project, a neutrino telescope just under construction at the South Pole. The group has a long, successful experience from the Baikal neutrino telescope and from IceCube's predecessor AMANDA. It has close working connections to the H.E.S.S. group at Humboldt University, Berlin, to the MAGIC collaboration, and to astronomers and astrophysicists in Potsdam.

Applicants are expected to be internationally recognized experts in theoretical astroparticle physics. Their expertise should include fields like cosmic acceleration mechanisms, cosmology, particle physics beyond the standard model, or neutrino physics. Applicants are expected to integrate into the collaborative activities of the institutions mentioned above and to support their work in experimental and observational astroparticle physics. The work at DESY also opens possibilities to cooperate with DESY theoreticians on fields like phenomenological particle physics, electro-weak theory, quantum chromo-dynamics, lattice gauge theory, and cosmology.

Within the cooperation agreement with the University of Potsdam, the applicant will have teaching responsibilities on the field of particle/astroparticle physics of two semester hours. Beyond his/her activities in Zeuthen, he/she should also establish a working group localized in Potsdam.

Prerequisites for the application are a doctoral degree and a record of research equivalent to the German "Habilitation". Scientific qualifications achieved in the private sector, outside Germany, or as Junior professor will also be considered.

Appointment will be made according to the laws of Brandenburg (Brandenburgisches Hochschulgesetz of 6 July 2004 Bbg. GVBl. I, page 394 ff). According to state law (§ 40 Abs. 1 BbgHG) the contract will be limited, in case it is the first appointment of the successful applicant as university professor, with the possibility of tenure after 5 years. Exceptions are possible, in particular if foreign applicants or applications from outside Universities cannot be acquired otherwise. When the appointment will be transformed into a permanent one later, there is no need for a new appointment procedure.

Potsdam University is an equal opportunity employer. The goal is to enhance the percentage of women in the areas where they are underrepresented. Women, therefore, are particularly encouraged to apply. Applications of disabled persons will be preferred in cases of equal qualification.

Applications by 15 June 2007 to: Präsidentin der Universität Potsdam, Am Neuen Palais 10, 14469 Potsdam, Germany