



The Forschungszentrum Karlsruhe (Karlsruhe Research Center) invites applications for the position of

Director of the Institute for Reactor Safety (IRS).

The Mechanical Engineering Faculty of the University of Stuttgart invites applications for a

**Professorship (W3, with management functions)
for Nuclear Technology and Reactor Safety.**

The Karlsruhe Research Center is seeking a Director (to succeed Professor Cacuci) for its Institute for Reactor Safety. In a parallel procedure, the University of Stuttgart is seeking to fill a W3 Professorship, with management functions, for Nuclear Technology and Reactor Safety. This professorship is connected with the function of Director of the Institute of Nuclear Energetics of the University of Stuttgart (to succeed Professor Lohnert) at a later point in time. The Karlsruhe Research Center and the University of Stuttgart intend to appoint the same person for these functions and, therefore, conduct the appointment procedure jointly.

The focus of activities of the Institute for Reactor Safety of the Karlsruhe Research Center is mainly on the technology and safety of nuclear facilities and fusion reactors. Major areas of scientific and technical work are in neutron physics, plant dynamics, thermal hydraulics and design, supported by experiments conducted especially about details of thermal hydraulic effects. The Institute of the University is mainly engaged in applied reactor physics and thermal hydraulics as well as innovative reactor systems.

Applicants must have expertise in several of the areas referred to above. Readiness to engage in interdisciplinary cooperation with industry and with other research institutions is expected. In particular, existing national and international research cooperation is to be further intensified. Candidates must have engineering or science degrees, a Ph. D. degree, habilitation or equivalent scientific qualifications. They should have special didactic capabilities to assume teaching functions within a newly designed nuclear technology curriculum. Industrial experience and experience in leading a large team are desirable. Proficiency in German is a prerequisite.

Applicable terms of recruitment are subject to Sec. 47, State University Act. Pursuant to Sec. 50, Para. 1, State University Act, the term of office of a first appointment to a professorship normally is limited to four years. Exceptions are possible.

The Karlsruhe Research Center and the University of Stuttgart seek to increase the proportion of women in leading positions and would therefore be glad to receive such applications. Severely handicapped persons with equivalent qualifications will be given preference.

For more details, applicants are invited to contact Dr.-Ing. Peter Fritz, Executive Board member of the Karlsruhe Research Center, phone ++49 (0)7247 82-2013, e-mail peter.fritz@vorstand.fzk.de, and Professor Alfred Voß, Vice Dean, Faculty of Mechanical Engineering, University of Stuttgart, phone ++49 (0)711 78061-0, e-mail av@ier.uni-stuttgart.de.

Applications with the necessary documents will be treated confidential and should be sent to both Chairmen of the Appointments Committees by September 9, 2005:

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Job-Nr.: 10801

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