



EINLADUNG

zum

VERA - SEMINAR

von

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Nuclear fusion and nuclear decay in metals

It is in the nature of astrophysics that many of the processes and objects one tries to understand are physically inaccessible. Thus, it is important that those aspects that can be studied in the laboratory be rather well understood. One such aspect are nuclear fusion reactions and the associated electron screening effects. The experimental study of these effects led to surprises in metals, which are discussed. It is suggested that the effects are also present in the inverse of fusion, i.e. in the radioactive decay of nuclides. The talk will present first results on the nuclear decay in metals.

Donnerstag, 21. Juni 2007, 16:30 Uhr

**1090 Wien, Währinger Str. 17, "Kavalierstrakt",
1. Stock, Seminarraum von VERA**