IU^B International University Bremen

Mathematics Colloquium at IUB

JOACHIM ESCHER

(Universität Hannover)

will speak on

Moving Interfaces in Tumor Growth Models: Modelling and Analysis

Date: **Monday, November 20, 2006**
Time: **17:15**
Place: **Lecture Hall Research II, IUB**

Abstract:
Of concern is a moving boundary problem modelling the growth of in vitro tumors or multicellular spheroids. After discussing the mathematical model, we describe some recent analytic results for the system, including the existence and stability of equilibira and bifurcation phenomena.

Colloquium Tea at ca. 16:45 in the Tea Room of Research II, close to the lecture hall. Everybody is welcome!

M. STOLL