IUᴮ International University Bremen

Mathematics Colloquium
at IUB

Wilhelm Kaup

(Universität Tübingen)

will speak on

CR-geometry and Jordan Algebras

Date: **Monday, October 24, 2005**
Time: **17:15**
Place: **Lecture Hall Research II, IUB**

Abstract:

For CR-manifolds (CR = Cauchy-Riemann) it is in general very difficult to verify local (global) CR-equivalence, to compute local (global) CR-automorphism groups or to determine maximal sets to which all continuous CR-functions have a holomorphic extension. In the lecture we give an introduction to the subject and present a large class of examples that occur in connection with bounded symmetric domains and for which computations can be done in a purely Jordan algebraic manner.

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

M. Stoll