

BERGISCHE UNIVERSITÄT
WUPPERTAL
Gaußstraße 20
42119 Wuppertal



*Fachbereich C, Mathematik
und Naturwissenschaften*

Prof. Dr. Nikolay Shcherbina

Telefon: (0202) 439-3041

Raum: G.15.19

Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

The squeezing function and the uniform squeezing property (Prof. Kang-Tae Kim, POSTECH, Pohang, Korea)

am **Dienstag, den 08.01.2013, um 16 Uhr c.t. in Raum G.15.25.**

Abstract: In the study of estimation of the natural invariant metrics of complex manifolds, the concept called the holomorphic-homogeneous-regular (HHR) manifold (or equivalently, uniformly squeezing (USq) manifold) has come up in the papers by Liu-Sun-Yau in JDG as well as a paper by S.K. Yeung in Adv. Math. Among various examples, the only examples shown to be HHR/USq with almost no nontrivial automorphisms are bounded strongly convex domains. A natural question arose whether all bounded convex domains are HHR/USq. I shall present an affirmative answer to this question, and will discuss a few further results. This is from a collaboration with Liyou Zhang of Capital Normal Univ. of Beijing, China.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina