



Mathematisches Kolloquium

Am Freitag, dem 02. Mai 2014 spricht um 16.00 Uhr et im Hörsaal IV
der Fachrichtung Mathematik (Gebäude E2 4)

Professor Dr. Brett D. Wick
Georgia Institute of Technology, Atlanta

über das Thema:

The Corona Theorem

Abstract: Carleson's Corona Theorem from the 1960s has served as a major motivation for many results in complex function theory, operator theory and harmonic analysis. In a simple form, the result states that for N bounded analytic functions $f_1, \dots, f_N$ on the unit disc such that $\inf |f_1| + \dots + |f_N| \geq \delta > 0$ it is possible to find N other bounded analytic functions $g_1, \dots, g_N$ such that $f_1 g_1 + \dots + f_N g_N = 1$. Moreover, the functions $g_1, \dots, g_N$ can be chosen with some norm control.

In this talk we will discuss some generalizations of this result to certain vector valued functions and connections with geometry and to function spaces on the unit ball in several complex variables.

Der Gast wird von Professor J. Eschmeier betreut.

Alle Interessenten sind zum Vortrag herzlich eingeladen.

Kaffee und Tee ab 15.45 Uhr im Didaktiklabor der Mathematik (Erdgeschoss, Raum 1.14)

Bitte beachten Sie, dass heute zwei Vorträge stattfinden.

Die Dozenten der Mathematik