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*Fachbereich C, Mathematik
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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

A smoothing property of the Bergman projection (Anne-Katrin Gallagher, Oklahoma State University)

am **Dienstag, den 08.09.2015, um 14 Uhr c.t. in Raum G.15.25.**

Abstract: Let D be a smoothly bounded domain in \mathbb{C}^n . We show that the derivatives of the output of the Bergman projection on D , measured in $L^2(D)$, only depend on derivatives of the input in the so-called bad tangential direction. This lets us describe a family of functions on D , larger than $C^\infty(\overline{D})$, whose image under the Bergman projection is contained in $C^\infty(\overline{D})$. This is joint work with Jeff McNeal and Emil Straube.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina