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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

On the Hessian equation on compact Kähler manifolds

**(Genglong Lin, Institute of Mathematics, Chinese Academy of Sciences,
Beijing)**

am **Donnerstag, den 25.01.2024, um 15 Uhr s.t. in Hörsaal 18 (O.06.22).**

Abstract: In this talk we will talk about Hessian equations on compact Kähler manifolds and give a characterization of finite energy range of m -Hessian operator, which generalizes the Monge-Ampère case due to Darvas-DiNezza-Lu. In the latest survey of these people, they answered a question of Guedj-Zeriahi through the characterization theorem. To the speaker's knowledge, it seems that their proof cannot be directly reformulated to the Hessian setting. With such consideration, we use a slightly different method to overcome this difficulty.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina