1172-30-125 **Daniela Kraus*** (`dakraus@mathematik.uni-wuerzburg.de`) and **Daniel Pohl**. *A Keldys-type approximation result for the Liouville equation.*

A classical result by Keldyš characterizes the compact sets K in the complex plane which have the property that every function u continuous on K and harmonic in K° can be uniformly approximated on K by functions harmonic on a neighborhood of K.

In this talk we discuss a nonlinear analog of Keldyš' result for solutions of Liouville's equation.

This is joint work with Daniel Pohl. (Received August 23, 2021)