1139-14-290   **Frank Gounelas***, Mathematisches Institut, Unter den Linden 6, 10099 Berlin, Germany.
                     Measures of irrationality of the Fano scheme of lines of a cubic threefold.

In this talk I will recall definitions and basic properties of various invariants associated to an arbitrary projective variety, that aim to measure how far it is from being rational, rationally connected or uniruled respectively. In the second part of the talk I will discuss recent work with Kouvidakis computing these invariants for the Fano scheme of lines of a cubic threefold, which is a general type surface classically studied by Fano, Clemens-Griffiths and others. (Received February 14, 2018)