► ELISABETH BOUSCAREN, *Ranks in model theory and definable groups.*

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In classical algebraic geometry over algebraically closed fields, algebraic dimension plays a prominent role.

In model theory many different versions of dimensions or "ranks" can be associated to the family of definable sets. These notions all coincide in the particular case of algebraic geometry, but this is usually not the case.

We will illustrate the interest of these different ranks by looking at groups definable in theories of fields with operators.