## Rost's degree formula and involutions of varieties $\operatorname{Olivier\ Haution}, \operatorname{LMU}$

The degree formula provides a connection between the arithmetic and the geometry of an algebraic variety. I will state the degree formula and explain how it can be used, in particular for the study of quadratic forms. I will then introduce an invariant of involutions of varieties which allows to prove the formula in arbitrary characteristic.