

Ypatia 2022 - June 8-10, 2022

vendredi 10 juin 2022

Abstract: Fano varieties are algebraic varieties having ample anticanonical bundle, and owe part of their importance to the role they play in the birational classification of algebraic varieties. In an ongoing research programme in collaboration with Enrico Fatighenti I aim at realizing Fano varieties as zero loci of sections of homogeneous vector bundles. Our goal is twofold: to provide alternative descriptions of known Fano varieties, and to construct new examples thereof. I will briefly discuss the current and future outcomes of this programme. (15:35 - 15:55)