On the birational geometry of matroids

Annette Werner
(Goethe Universität Frankfurt)

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Aula Naranja, ICMAT

Streaming

The theory of matroids provides a unified abstract treatment of the concept of dependence in linear algebra and graph theory. In this talk we explain Bergman fans of matroids, and we investigate isomorphisms of Bergman fans for different fan structures. In particular, we introduce and study Cremona automorphisms.
This is joint work with Kris Shaw.