Friday 12 February 2021 – at 2.00 p.m.

The event will take place online through the ZOOM platform. To get the access codes please contact the secretary office - (dept.math@unitn.it)

Luigi Lombardi
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Irregular fibrations and derived categories

Abstract:
In this seminar I will show that an equivalence of derived categories of sheaves of smooth projective varieties preserves some specific classes of fibrations over varieties of maximal Albanese dimension. These types of fibrations, called chi-positive higher irrational pencils, can be thought as an extension to higher-dimension of the notion of an irrational pencil over a smooth curve of genus greater or equal to two. This is a joint work with F. Caucci and G. Pareschi.

Contact person: Luis E. Solá Conde, Elisa Postinghel, Camilla Felisetti