



SCUOLA
NORMALE
SUPERIORE

SEMINARIO DI MATEMATICA

Mercoledì 23 gennaio 2019
ore 14:30

Scuola Normale Superiore
Pisa
Aula Fermi

Camille Plenat

(Aix Marseille, Laboratorio Fibonacci)

Terrà un seminario dal titolo:

“Toric embedded resolutions of simple singularities via jet schemes”

Abstract:

One of the aim of Nash's paper on the arcs spaces (1968) was to understand resolutions of singularities via the arcs living on the singular variety; in particular he wanted to give a one to one correspondence between families of arcs and essential exceptional divisors. J.Fernandez de Bobadilla and M.Pe Pereira (2011) have shown that such a bijective correspondence for abstract resolutions of singular surfaces. But the proof does not give a constructive way to get the resolution from the arcs space. With H.Mourtada, we construct an embedded toric resolution of simple singularities from their jets schemes. It is the result I will discuss in the talk.

Joint work with H. Mourtada.

Tutti gli interessati sono invitati a partecipare.