



CENTRO DE
MATEMÁTICA
UNIVERSIDADE DO PORTO

Seminário Geral do CMUP

[CMUP General Seminar]

Wednesday, 14 December 2022, at 14:30, in room FC1-0.06

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ZETA FUNCTION OF PROJECTIVE VARIETIES

The main goal of the present talk is to define the local and global zeta function of algebraic varieties, with special emphasis on particular examples. We will see how well known functions (like Riemann's zeta function) appear in this way. We will state some hard open problems regarding zeta functions, and some important results obtained during the last years.

N.B. The presentation is aimed at a general audience.