

PROGRAMME THÉMATIQUE
« POINTS RATIONNELS, COURBES RATIONNELLES ET COURBES ENTIÈRES SUR LES VARIÉTÉS ALGÈBRIQUES »
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THEMATIC PROGRAM
“RATIONAL POINTS, RATIONAL CURVES AND ENTIRE HOLOMORPHIC CURVES ON ALGEBRAIC VARIETIES”
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Arithmetics over function fields

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A basic question in arithmetic geometry is to study the existence of rational points on a variety over a field and their distributions, e.g., weak approximation. When the base field is of geometric nature, one would like to study this via algebraic geometry. In this talk, I will survey recent results on this question for nearly rational varieties over function fields of algebraic curves and over function fields of algebraic surfaces.

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