

Workshop on Additive Invariants in Real Algebraic and Analytic Geometry Nice April 11-13 2012

All talks will be held in room 2 (salle 2) of the laboratoire J.-A. Dieudonné

Wednesday, April 11

12h30-14h00 lunch

14h-15h Clint McCrory (University of Georgia)

The weight filtration for real algebraic varieties.

15h30 Coffee break

16h00-17h00 Georges Comte (Université de Savoie)

Grothendieck ring of semialgebraic formulas and motivic real Milnor fibres.

Thursday, April 12

9h-10h Fabien Priziac (Université de Rennes I)

Group actions on the Nash constructible filtration.

10h Coffee break

10h30 -11h30 Goulwen Fichou (Université de Rennes I)

Virtual Poincaré polynomial of a link.

12h30-14h00 lunch

14h-15h Dan Popovici (Toulouse)

Lecture hall

Classes kaehleriennes transcendentales et deformations holomorphes de varietes complexes compactes.

15h30 Coffee break

16h00-17h00 Marcin Bilski (Kraków)

On algebraic approximation of analytic maps into algebraic varieties

19h30 Dinner

Friday, April 13

9h-10h Krzysztof Kurdyka (Université de Savoie)

Horizontal gradient flow

10h Coffee break

10h30 -11h30 Adam Parusiński (Nice)

A weight complex of the Milnor fibre

12h30-14h00 lunch

14h-15h Vladimir Kostov (Nice)

The Schur-Szegö composition of real polynomials

15h30 Coffee break

16h00-17h00 Problem session