

PROGRAM

WORKSHOP ON GROUP ACTIONS ON RATIONAL VARIETIES February 27 - March 3, 2002

WEDNESDAY, FEBRUARY 27

- 08:30 Registration
Coffee
- 09:00 - 09:40 V. Popov
"Homogeneous spaces and the problems of groups actions and algebraic geometry"
- 09:50 - 10:30 L. Moser-Jauslin
"Smooth embeddings of $SL(2)$ modulo a finite subgroup"
- 10:30 Coffee break
- 11:20 - 12:00 G. Freudenburg
"Asanuma's non-linearizable torus actions and the Cancellation Problem"
- 12:00 Lunch
- 15:30 - 16:10 P. Cassou-Noguès
"Bad field generators"
- 16:10 Coffee break
- 16:40 - 17:20 Ming-Chai Kang
"Noether's problem over algebraically closed field"
- 17:30 - 18:10 S. Vénéreau
"Simple birational extensions of the polynomial ring $\mathbb{C}^{[3]}$ "

THURSDAY, FEBRUARY 28

- 09:00 - 09:40 L. Makar-Limanov
"Automorphisms and Isomorphisms of Danielewski Surfaces"
- 09:50 - 10:30 D. Daigle
"Danielewski Surfaces and Locally Nilpotent Derivations"
- 10:30 Coffee break
- 11:20 - 12:00 V. Shpilrain
"Cylinders"

12:00 Lunch
15:30 - 16:10 S. Kaliman
"Subrings invariant under endomorphisms"
16:10 Coffee break
16:40 - 17:20 T. Asanuma
"A topological aspect of a polynomial map"
17:30 - 18:10 TBA

FRIDAY, MARCH 1

09:00 - 09:40 D. Wright
"D-Log of analytic automorphisms of n-space"
09:50 - 10:30 F. Kutzschebauch
"Embeddings of \mathbb{C}^k into \mathbb{C}^n - the holomorphic case"
10:30 Coffee break
11:20 - 12:00 A. Sathaye
"A case of the epimorphism problem: Planes in three space meeting a coordinate plane in a hyperbola"
12:00 Lunch
14:50 - 15:30 M. Gizatullin
"Affine varieties having infinite dimensional group of automorphisms"
15:30 Coffee break
16:00 - 17:00 **CRM-ISM Colloquium**
H. Kraft
"Separation of Orbits in Varieties"
17:00 Reception Wine and Cheese

SATURDAY, MARCH 2

08:30 - 09:00 T. Kishimoto
"Abhyankar-Sathaye Embedding Problem in dimension Three"
09:10 - 09:50 K. Masuda
"The additive group actions on Q -homology planes, I"
09:50 Coffee break
10:10 - 10:50 M. Miyanishi

"The additive group actions on Q -homology planes, II"

11:00	Departure for Mont St. Hilaire
12:00	Lunch
16:00	Coffee break
16:30	Problem session
18:00	Departure for Montreal

SUNDAY, MARCH 3

08:30 - 09:10	S. Marcello <i>"On the geometry and the arithmetic dynamics of automorphisms of affine spaces"</i>
09:20 - 10:00	De-Qi Zhang <i>"Automorphism groups of rational surfaces with quotient singularities"</i>
10:00	Coffee break
10:30 - 11:10	K.-H. Fieseler <i>"Intersection Cohomology for Toric Varieties"</i>
11:20 - 11:50	TBA
12:00 - 12:30	TBA