Affine Algebraic Geometry. A Conference in honour of Peter Russell
June 1-5, 2009
Le lundi 1 juin 2009 / Monday, June 1, 2009

09:15 - 09:30  Inscription et Café (920, Burnside Hall, McGill University) / Registration and Coffee (920, Burnside Hall, McGill University)

09:30 - 10:20  Paul Roberts (University of Utah)  
“Almost Cohen-Macaulay algebras”

10:30 - 11:20  Vikram Mehta (Tata Institute of Fundamental Research)  
“The conjectures of Nori and Denninger-Werner and the local fundamental group-scheme”

11:20 - 11:50  Pause-café / Coffee break

11:50 - 12:40  Masayoshi Miyanishi (Kwansei Gakuin University)  
“Characteristic $p$ phenomena in affine geometry”

12:40 - 15:00  Pause-déjeuner / Lunch break

15:00 - 15:50  Matam Pavaman Murthy (University of Chicago)  
“Unimodular Rows”

15:50 - 16:20  Pause-café / Coffee break

16:20 - 17:10  Yoshifumi Takeda (Wakayama Medical University)  
“Groups of Russell type and Tango structures”
09:30 - 10:20 Herbert Kurke (Humboldt-Universität zu Berlin)
“À venir”
“TBA”
10:30 - 11:20 Marko Roczen (Humboldt-Universität zu Berlin)
“Motivic invariants of isolated singularities”
11:20 - 11:50 Pause-café / Coffee break
11:50 - 12:40 Stepan Orevkov (Université Paul Sabatier)
“On algebraic and pseudoholomorphic plane curves”
12:40 - 15:00 Pause-déjeuner / Lunch break

15:00 - 15:50 Avinash Sathaye (University of Kentucky)
“Discriminant of a curve with two places at infinity”
15:50 - 16:20 Pause-café / Coffee break
16:20 - 17:10 Pierrette Cassou-Noguès (Université Bordeaux 1)
“Rational polynomials and Danielewski surfaces”
09:30 - 10:20 David Wright (Washington University in St. Louis)
“Commutator formulas for polynomial automorphisms”

10:30 - 11:20 Steven Shin-Yi Lu (UQAM)
“Curves on surfaces of log-general type”

11:20 - 11:50 Pause-café / Coffee break

11:50 - 12:40 Shigeru Kuroda (Tokyo Metropolitan University)
“Initial algebras and the Jung-van der Kulk theorem”

12:40 - 15:00 Pause-déjeuner / Lunch break

15:00 - 15:50 Jason Bell (Simon Fraser University)
“Automorphisms of affine varieties and the Skolem-Mahler-Lech theorem”

15:50 - 16:20 Pause-café / Coffee break

16:20 - 16:45 Karol Palka (Polish Academy of Sciences)
“Singular $Q$-homology planes”

16:50 - 17:15 À venir / TBA
09:30 - 10:20 Kayo Masuda (Kwansei Gakuin University)
“Homogeneous locally nilpotent derivations and embeddings of affine spaces”

10:30 - 11:20 Stéphane Vénéreau (Universität Basel)
“One finding variables in $k[X, Y, Z_1, \ldots, Z_n]$”

11:20 - 11:50 Pause-café / Coffee break

11:50 - 12:40 Zbigniew Jelonek (Polish Academy of Sciences)
“How to constructs varieties without cancellation property?”

12:40 - 15:00 Pause-déjeuner / Lunch break

15:00 - 15:50 Lucy Moser-Jauslin (Université de Bourgogne)
“Some results on the Koras-Russell cubic threefold”

15:50 - 16:20 Pause-café / Coffee break

16:20 - 17:10 Gene Freudenburg (Western Michigan University)
“Embeddings of affine space using Chebyshev polynomials and their successors”
09:30 - 10:20 Mariusz Koras (Warsaw University)
“Linearization of $C^*$-actions and related problems”

10:30 - 11:20 Daniel Daigle (Université d’Ottawa)
“Hypersurfaces of $\mathbb{A}^3$ with trivial Makar-Limanov invariant”

11:20 - 11:50 Pause-café / Coffee break

11:50 - 12:40 Hubert Flenner (Ruhr University Bochum)
“Uniqueness of $C^*$-action”

12:40 - 15:00 Pause-déjeuner / Lunch break

15:00 - 15:50 Vladimir Popov (Steklov Mathematical Institut)
“Two orbits: when is one in the closure of the other?”

15:50 - 16:20 Pause-café / Coffee break

16:20 - 17:10 Rajendra Vasant Gurjar (Tata Institute of Fundamental Research)
“Some inequalities between order of the divisor class group and multiplicity of rational surface singularities”