Conference Schedule

Valuation Theory and Integral Closures in Commutative Algebra

JULY 17–22, 2006

UNIVERSITY OF OTTAWA

All lectures will be held in **SITE B0138** at the south end of campus.

	Monday July 17	Tuesday July 18	Wednesday July 19	Thursday July 20	Friday July 21	Saturday July 22
9–9:45	Cutkosky I	Brenner	Goto	Gaffney	Vasconcelos	
10–10:45	Cutkosky II	Ghezzi	Hübl	Campillo	Huneke	
11–11:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
11:30–12	Kashcheyeva	Naghipour	Järvilehto	Bivià-Ausina	Rond	
12–2	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	
2–2:45	Knaf		Villarreal	Abhyankar	Spivakovsky	
3–3:45	Kuhlmann		Vituli	Schoutens	Vaquié	
4–4:30	*Coffee Break*		*Coffee Break*		*Coffee Break*	
4:30–5:15	Teissier I		Brennan		Teissier II	
7			Conference Dinner			

Titles:

1. Shreeram Abhyankar: *Some Thoughts on the Jacobian Conjecture*
2. Carles Bivià-Ausina: *Mixed multiplicities of ideals and the Milnor number of an isolated complete intersection singularity*
3. Joseph P. Brennan: *Sequences that preserve homological degree*
4. Holger Brenner: *Grothendieck topologies and ideal closure operations - The integral closure and the submersive topology*

5. Antonio Campillo: *Complete ideals and Poincaré series*
6. Cutkosky (I): *Geometric theory of local rings, II*
7. Cutkosky (II): *Geometric theory of local rings, III*
8. Terence Gaffney: *Pairs of modules, equisingularity, and the multiplicity-polar theorem*
9. Laura Ghezzi: *Monomialization of generating sequences of valuations in two dimensional function fields*
10. Shiro Goto: *The Cohen-Macaulayness in the graded rings* $G(I) =_{n\geq 0} I^n/I^{n+1}$ *associated to ideals* $I = Q : m^2$
11. Reinhold Hübl: *Adjoints of Ideals and Rees Valuations*
12. Craig Huneke: *Absolute Integral Closure*
13. Tarmo Järvilehto: *Jumping numbers of a simple complete ideal in a two dimensional regular local ring*
14. Olga Kashcheyeva: *Jumping polynomials in 2-dimensional regular local rings*
15. Hagen Knaf: *Local uniformization after finite extension of the function field*
16. F.-V. Kuhlmann: *Classification of Artin-Schreier defect extensions*
17. Reza Naghipour: *Local cohomology and quintasymptotic primes of ideals with respect to modules*
18. Guillaume Rond: *Artin strong approximation theorem*
19. Hans Schoutens: *Valuations on Noetherian rings via Grassmanian paths*
20. Mark Spivakovsky: *Kaplansky's theorem on generalized power series and local uniformization in arbitrary characteristic*
21. Bernard Teissier (I): *Local uniformization in characteristic* p*, III*
22. Bernard Teissier (II): *TBA*
23. Michel Vaquié: *Extension of a valuation, Newton polygon*
24. Wolmer V. Vasconcelos: *Complexity Topics in the Normalization of Algebras*
25. Rafael H. Villarreal: *Blowup algebras and subrings associated to monomial ideals*
26. Marie A. Vitulli: *Weak subintegral closure of ideals and connections with reductions and valuations*