MATHEMATICS DEPARTMENT
University of Louisiana at Lafayette

[Mathematics home]

THE LLOYD G. ROELING MATHEMATICS CONFERENCE / SOUTHERN REGIONAL ALGEBRA CONFERENCE AT THE UNIVERSITY OF LOUISIANA AT LAFAYETTE OCTOBER 15-17, 2010

The University of Louisiana at Lafayette will once again host the Southern Regional Algebra Conference under the auspices of the 41st Annual Lloyd G. Roeling Mathematics Conference this coming October 15-17. This year we shall dedicate the conference to Henry Heatherly and Temple (Buzz) Fay for establishing the Southern Regional Algebra Conference as an annual event rotating among various southern universities. We will follow a format of 25 minute talks with a 5 minute break between talks. The first talk will begin at approximately 1:30 PM on Friday and the last talk will end near noon on Sunday. As usual, there is no financial support provided for the participants by the University of Louisiana at Lafayette. However on Friday evening there will be a picnic at the pavilion in Girard park, and on Saturday evening there will be a dinner at Randol's for all participants. There will be a fee of $25 for non-participants (e.g., spouse, etc.) to be paid at registration. All alcoholic beverages at the restaurant dinner will have to be paid on an individual basis and cannot be funded by the Conference. The talks will take place in Maxim Doucet Hall room 208. Please register in MDD room 202.

Let me emphasize that the Picnic and Randol's dinner are for conference participants. If you wish to attend these events, you should at least attend

several talks. Also please register for the Picnic and dinner and indicate any accompanying persons since we we have to plan for the food at the picnic and there is only limited space available at the dinner.

If you have any further questions please contact me (I hope to see you here !!!).

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SCHEDULE OF TALKS
(revised 14 October)

Friday, October 15

1:20pm	Opening Remarks	
1:30 - 1:55	Maria Vega	Twisted Frobenius-Schur indicators for Hopf algebras
2:00 - 2:25	Linhong Wang	Prime ideals of q-commutative power series rings
2:30 - 2:55	Deepak Naidu	Drinfeld centers of graded fusion categories
3:00 - 3:25	Sandra Spiroff	Complete intersections and (a generalized) Hochster's theta function
3:25 - 3:45	Coffee Break	
3:45 - 4:10	Marcela Chiorescu	Minimal zero-dimensional extensions
4:15 - 4:40	Christina Eubanks-Turner	Prime ideals in birational extensions of two-dimensional

		power series rings
4:45 - 5:10	Carl Maxson	Mutations of commutative monoids and maximal endomorphism semirings
6:00 pm	Picnic dinner at Girard Park pavilion	
Saturday, October 16		
8:30 - 8:55	Ela Celikbas	The projective line over the integers
9:00 - 9:25	Ha Nguyen	Polynomials non-negative on strips and halfstrips in the plane
9:30 - 9:55	Sylvia Wiegand	Building non-Noetherian domains using power series
9:55 - 10:15	Coffee Break	
10:15 - 10:40	Cornelius Pillen	Cohomology of finite groups of Lie type and Konstant partition functions
10:45 - 11:10	Jorg Feldvoss	Outer derivations of Lie algebras
11:15 - 11:40	Gary L. Walls	Rings associated with abelian covers of groups
11:45 - 12:10	Robert Underwood	Haar measure on the additive group of adeles
12:15 - 1:30	Lunch	
1:30 - 1:55	Theodore Faticoni	Computing algorithms
2:00-2:25	Ulrich Albrecht	Finite rank mixed modules over Dedekind domains
2:30 - 2:55	Nil Orhan-Ertas	Modules with a minimal projectivity domain
3:00 - 3:25	Prasad Senesi	Equivariant map algebras and their

		irreducible finite-dimensional representations
3:25 - 3:45	Coffee Break	
3:45 - 4:10	Henry E. Heatherly	Adjoint groups of Jacobson radical rings
4:15 - 4:40	Greg Oman	Modules whose proper homomorphic images are of smaller cardinality
4:45 - 5:10	Anthony Giovannitti	A note on the projective dimension of diagrammatic modules
5:15 - 5:40	Ryan Schwiebert	Faithful torsion modules
6:30 pm	Dinner at Randol's	
Sunday, October 17		
8:30 - 8:55	Pinar Aydogdu	Almost-perfect modules
9:00 - 9:25	Eric Rowell	Localizing unitary braid representations
9:30 - 9:55	Yorck Sommerhauser	Bilinear forms, Hopf algebras, and Drinfel'd elements
9:55 - 10:15	Coffee Break	
10:15 - 10:40	M. F. Ragland	A class of generalized finite T-groups
10:45 - 11:10	A. Mojiri	On max rings and primitively divisible modules
11:15 - 11:40	Ralph P. Tucci	The semigroup of right ideals of a right weakly regular ring
11:45 - 12:10	Efraim Armendariz	Radical and semisimple classes associated with rings having bounded index
12:10	Concluding remarks	

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