

# Groups, Rings & Algebras

A Conference in Honor of

Donald S. Passman

## The Program

**Friday, June 10, 2005**

- 8:45 Opening Remarks.
- Session Chair *S. Sehgal*.
- 9-10 Yuri Bahturin, *Group Gradings on Simple Lie and Jordan Algebras*.
- 10:15-11:15 Edward Formanek, *An Identity Relating the Bezoutian and the Jacobian for Polynomials in Two Variables*.
- 11:30-12:30 I. Martin Isaacs, *Character degrees*.
- 12:30-2:30 Lunch.
- The 20 minute contributed talks will start at 2:30 and will end at 5 PM. Due to limit time and the number of talks, there will be two parallel sessions. One of the sessions will be chaired by *A. Lichtman*.

## Dessert at Passman's-Friday Night

**Saturday, June 11, 2005**

- Session Chair *G. Benkart*.
- 9-10 Martin Lorenz, *Multiplicative Invariants*.
- 10:15-11:15 Susan Montgomery, *Krull relations in Hopf Galois extensions*.

- 11:30-12:30 Toby Stafford, *Cherednik Algebras and Hilbert Schemes of Points*.
- 12:30-2:30 Lunch.
- The 20 minute contributed talks will start at 2:30 and will end at 5 PM. Due to limit time and the number of talks, there will be two parallel sessions. One of the sessions will be chaired by *G. Bergman*.

The Birthday Party-Saturday Night

**Sunday, June 12, 2005**

- Session Chair *D. Farkas*.
- 9-10 Lance Small, *Engel Subalgebras of PI-Algebras*.
- 10:15-11:15 Alexander Zaleskii, *On Passman's Adjoint Representation Problem*.
- 11:30-12:30 Efim Zelmanov, *On Free Pro-p Groups, Polynomial Identities and Root Graded Algebras*.
- 12:30-2:30 Lunch.
- There are no contributed talks on Sunday.

End of Conference

The Titles of the Talks

1. Asma Ali, *Derivations Which Act As An Homomorphism and Anti-Homomorphism in a Prime Ring*, Aligarh Muslim University, Aligarh, India.
2. Yuri Bahturin, *Group Gradings on Simple Lie and Jordan Algebras*, Memorial University, Newfoundland, Canada.
3. Margaret Beattie, *TBA*, Mount Allison University, Sackville, New Brunswick, Canada.

4. Esther Beneish, *Lattices over group rings and rationality problems*, Central Michigan University, Mt Pleasant, MI.
5. Jeffery Bergen, *Delta Methods in Group Rings, Enveloping Algebras, and Hopf Algebras*, DePaul University, Chicago, IL.
6. Miriam Cohen, *Fourier transforms for Hopf algebras*, Beersheva University, Beersheva, Israel.
7. Alexander J. Diesl, *TBA*, University of California-Berkeley, Berkeley, CA.
8. Thomas Dorsey, *TBA*, University of California- Berkeley, Berkeley.
9. Jörg Feldvoss, *Injective Modules over Universal Enveloping Algebras*, University of South Alabama, Mobile, AL.
10. Miguel Ferrero, *Partial Skew Polynomial rings*, Instituto de Matemática Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil.
11. Edward Formanek, *An Identity Relating the Bezoutian and the Jacobian for Polynomials in Two Variables*, The Pennsylvania State University, University Park, PA.
12. Jairo Z. Goncalves, *Free groups in central simple algebras without Tits Theorem*, Universidade de São Paulo, São Paulo, Brazil.
13. I. Martin Isaacs, *Character Degrees*, University of Wisconsin-Madison, Madison, WI.
14. Eric Jespers, *Quadratic algebras and groups of I-type*, Vrije Universiteit, Brussel, Belgium.
15. Manju Khan, *Associated Lie Algebras of the Group Algebra and Unit Group*, Indian Institute of Technology Delhi, New Delhi, India.
16. Martin Lorenz, *Multiplicative Invariants*, Temple University, Philadelphia, PA.
17. Susan Montgomery, *Krull relations in Hopf Galois extensions*, University of Southern California, LA, CA.

18. Ian Musson, *Noncommutative Deformations of Type A Kleinian Singularities and Hilbert Schemes*, University of Wisconsin-Milwaukee, Milwaukee, WI.
19. Peter Pappas, *Cyclic Structures with Lag-Time Generators*, Vassar College, Poughkeepsie, NY.
20. César Polcino-Milies, *Idempotents in group algebras and minimal abelian codes*, Universidade de São Paulo, São Paulo, Brazil.
21. Ken Price, *Generic Lie Color Algebras*, University of Wisconsin Oskosh, Oskosh, WI.
22. Mena Sahai, *On Group Algebras Satisfying a Certain Lie Identity*, Lucknow University, India.
23. Lance Small, *Engel Subalgebras of PI-Algebras*, University of California at San Diego, La Jolla, CA.
24. Toby Stafford, *Cherednik Algebras and Hilbert Schemes of Points*, University of Michigan, Ann Arbor, MI.
25. Earl Taft, *A Class of Left Hopf Algebras*, Rutgers University, New Brunswick, NJ.
26. Hamid Usefi, *The isomorphism problem for enveloping algebras of Lie algebras*, University of Western Ontario, London, Ontario.
27. Alexander Zalesskiĭ, *On Passman's Adjoint Representation Problem*, University of East Anglia, Norwich, UK.
28. Efim Zelmanov, *On Free Pro- $p$  Groups, Polynomial Identities and Root Graded Algebras*, University of California, La Jolla, CA.