

PIMS Algebra Summer School 2007 - Schedule

Unless otherwise indicated, all talks will be held in

National Engineering Resources Facility (NREF) 1-001.

Monday, July 30

- 09:00–09:30 Registration
- 09:30–10:30 Z. Reichstein (UBC): *Tschirnhaus transformations revisited*
- 10:30–10:45 *coffee break*
- 10:45–12:30 M. Karoubi (University of Paris VII): *K-Theory I*
- 12:30–14:30 *lunch break*
- 14:30–15:30 V. Chernousov (University of Alberta): *Purity of G_2 -torsors*
- 15:30–16:00 *coffee break*
- 16:00–17:00 J. Lewis (University of Alberta): *Regulator currents on Milnor complexes*

Tuesday, July 31

- 09:30–10:30 O. Mathieu (University of Lyon): *On polyzeta values*
- 10:30–11:00 *coffee break*
- 11:00–12:00 D. Harari (University of Paris XI): *Local-global principles for algebraic groups*
- 12:00–14:30 *lunch break*
- 14:30–15:30 J. Pevstova (University of Washington): *Varieties associated with modular representations*
- 15:30–16:00 *coffee break*
- 16:00–17:00 N. Lemire (University of Western Ontario): *Linearisation of Multiplicative Group Actions*

Wednesday, August 1

- 09:30–10:30 M. Brion (University of Grenoble): *Algebraic Groups I*
- 10:30–10:45 *coffee break*
- 10:45–12:30 M. Karoubi: *K-Theory II*
- free afternoon*

Thursday, August 2

- 09:30–10:30 M. Brion: *Algebraic Groups II*
10:30–11:00 *coffee break*
11:00–12:00 D. Saltman (Center for Communications Research, Princeton): *Division Algebras over Surfaces*
12:00–14:30 *lunch break*
14:30–15:30 R. Parimala (Emory University): *Isotropy of quadratic forms over function fields of p -adic curves*
15:30–16:00 *coffee break*
16:00–17:00 M. Lau (University of Windsor): *Forms of Conformal Superalgebras*
18:00– *Conference Dinner at the Faculty Club*

Friday, August 3

- 09:30–10:30 M. Brion: *Algebraic Groups III*
10:30–10:45 *coffee break*
10:45–12:30 M. Karoubi: *K -Theory III*
12:30–14:00 *lunch break*
14:00–15:00 A. Buch (Rutgers University): *Quantum K -theory of Grassmannians*
15:00–15:15 *coffee break*
15:15–16:15 L. Rowen (Bar-Ilan University): *Tropical algebras (Joint with Zur Izhakian)*
16:30–17:30 A. Welte (University of Ottawa): *Graded Lie algebras and central extensions*

Saturday, August 4

- 09:30–10:30 M. Brion: *Algebraic Groups IV*
10:30–10:45 *coffee break*
10:45–12:30 G. Benkart (University of Wisconsin): *Lie Algebras I*
free afternoon

Sunday, August 5

no lectures

Monday, August 6

All talks on Monday will be in Central Academic Building (CAB) 243

- 09:30–10:30 M. Brion: *Algebraic Groups V*
10:30–10:45 *coffee break*
10:45–12:30 G. Benkart: *Lie Algebras II*
12:30–14:30 *lunch break*
14:30–15:30 J. Bell (Simon Fraser University): *GK dimension and birational equivalence of algebras*
15:30–16:00 *coffee break*
16:00–17:00 F. Cukierman (University of Buenos Aires): *Irreducible components of spaces of algebraic singular foliations*

Tuesday, August 7

- 09:30–10:30 M. Brion: *Algebraic Groups VI*
10:30–10:45 *coffee break*
10:45–12:30 G. Benkart: *Lie Algebras III*
12:30–14:30 *lunch break*
14:30–15:30 J. Minac (University of Western Ontario): *Who is murdering candidates seeking promotion in Galois Cohomology?*
15:30–16:00 *coffee break*
16:00–17:00 S. Chebolu (University of Western Ontario) : *Some new invariants for group algebras*

Wednesday, August 8

Special series of lectures on the occasion of Bruce Allison's retirement

- 09:30–10:30 J. Faulkner (University of Virginia): *Structurable Superalgebras*
10:30–11:00 *coffee break*
11:00–12:00 M. Racine (University of Ottawa): *Albert Algebras*
12:00–14:30 *lunch break*
14:30–15:30 R. V. Moody (University of Victoria/Alberta): *Almost periodicity*
15:30–16:00 *coffee break*
16:00–17:00 Y. Gao (York University) : *Irreducible Wakimoto-like modules for affine Lie algebras of type A*