



INFO SHEET

August 16, 2011

QUEEN'S UNIVERSITY AT KINGSTON
 Department of Mathematics and Statistics
<http://www.mast.queensu.ca>

CALENDAR		
Wednesday, August 17	Conference Room Time: 1:00 p.m. Place: Jeffery 521	M.SC Student: Adam McCabe Title: Log-concavity of asymptotic multigraded Hilbert series Supervisor: G. G. Smith
Wednesday, August 17	Summer Number Theory Time: 3:00 p.m. – 4:00 p.m. Place: Jeffery 422	Speaker: Marilyn Reece Myers, Calvin College Title: Cyclotomic Polynomials Abstract Attached
Friday, August 19	Conference Room Time: 1:00 p.m. Place: Jeffery 521	Ph.D. Oral Student: Valdemar Tsanov Title: Embeddings of flag manifolds and cohomological components of modules Supervisor: I. Dimitrov
Tuesday, August 23	Conference Room Time: 1:00 p.m. Place: Jeffery 521	M.SC Student: Ian Scriver Title: Semidiscretization of Nonlinear 1-D Wave Equations Supervisor: A. R. Mansouri
Friday, August 26	Conference Room Time: 10:00 a.m. Place: Jeffery 521	M.SC Student: Katelyn Balchin Title: Analysis of the Age of Red Blood Cells of Premature Infants (ARIP) Trial Supervisors: W. Jiang & B. Chen
Tuesday, August 30	Conference Room Time: 1:00 p.m. Place: Jeffery 521	Ph.D. Oral Student: Emily Redelmeier Title: Real Second-Order Freeness and Fluctuations of Random Matrices Supervisor: J. A. Mingo
Friday, September 9	Conference Room Time: 10:30 a.m. Place: Jeffery 521	Ph.D. Oral Student: Daniel Cownden Title: Evolutionarily stable learning and foraging strategies Supervisor: P. D. Taylor
Thursday, September 15	Conference Room Time: 10:30 a.m. Place: Jeffery 521	Ph.D. Student: Karla Fox Title: A Framework for the Meta-Analysis of Survey Data Supervisors: T. Day & D. Steinsaltz
Monday, September 19	Conference Room Time: 9:30 a.m. Place: Jeffery 521	Ph.D. Student: Shifang Liu Title: Statistical Methods for Testing Treatment-Covariate Interactions in Cancer Clinical Trials Supervisor: D. Tu

Items for the Info Sheet should reach Anne (burnsa@mast.queensu.ca) by noon on Monday. The Info Sheet is published every Tuesday.

Wednesday, August 17, 3:00 p.m. Jeffery 422

Summer Number Theory Seminar

Speaker: Marilyn Reece Myers

Title: Cyclotomic Polynomials

Abstract: The n th cyclotomic polynomial is the polynomial whose roots are exactly the primitive n th roots of unity. These are irreducible polynomials over the integers whose coefficients tend to be very small: the coefficients of the n th cyclotomic polynomial are $+1$, -1 , or 0 for all n less than 105 . This talk will discuss some conjectures and results about cyclotomic and related polynomials.