

The Fourth University of Manitoba Statistics Research Workshop

Day 1 (Wednesday August 4, 2004): Morning session

Location of talks: Theatre E, Pathology Building, 770 Bannatyne Avenue, University of Manitoba, Bannatyne Campus.

9:00 – 9:30	Registration (Atrium, Brodie Centre, 727 McDermot Ave.)
9:30 – 9:40	Opening Remarks
9:40 – 10:20	<p>A mixed model approach for fitting semiparametric regression models with longitudinal data C.-L. Huynh, University of Manitoba, Department of Psychology.</p>
10:20 – 11:00	<p>Longitudinal, multi-level and spatial analyses of non-normal health outcomes R. Ma, Canadian Research Institute for Social Policy and University of New Brunswick, Department of Mathematics and Statistics.</p>
11:00 – 11:20	Coffee Break (R060 Medical Rehabilitation)
11:20 – 12:00	<p>Spatial statistics for epidemiological research C. Green, Manitoba Health.</p>
12:00 – 2:00	<p style="text-align: center;">Lunch Break</p> <p>Round table 1: (Room 405, Brodie Centre, 727 McDermot Ave.) Analysis of longitudinal data, P. Pahwa</p> <p>Round table 2: (Room 409, Brodie Centre, 727 McDermot Ave.) Current topics in analysis of administrative health data, L. Roos</p> <p>Round table 3: (Room 404, Brodie Centre, 727 McDermot Ave.) Analysis of spatial data, R. Ma</p>

Day 1 (Wednesday August 4, 2004): Afternoon session

Location of talks: Theatre E, Pathology Building, 770 Bannatyne Avenue, University of Manitoba, Bannatyne Campus.

2:00 – 2:40	<p>Estimation of nonlinear regression models with Berkson measurement errors L. Wang, University of Manitoba, Department of Statistics.</p>
2:40 – 3:20	<p>On some aspects of Berkson's bioassay problem B.K. Sinha, University of Maryland Baltimore County, Department of Mathematics and statistics.</p>
3:20 – 3:40	<p>Coffee Break (R060 Medical Rehabilitation)</p>
3:40 – 4:20	<p>Note: this talk will take place at Theatre A, Medical Services Building.</p> <p>Modeling the longitudinal changes in prevalence of respiratory symptoms among Canadian grain elevator workers P. Pahwa, University of Saskatchewan, Department of Epidemiology and Community Health.</p>
4:30 – 6:00	<p>Posters and Reception (Room 405, Brodie Centre, 727 McDermot Ave.)</p>
6:30	<p>Dinner</p> <p>Restaurant Pasta La Vista 66-234 Donald tel: 956-2229</p>

Day 2 (Thursday August 5, 2004): Morning session

Location of talks: Room 260, Helen Glass Centre for Nursing, University of Manitoba, Fort Garry Campus.

9:00 – 9:30	Registration (Atrium, Helen Glass Centre)
9:30 – 9:40	Opening Remarks
9:40 – 10:20	Using genetic admixture to control for population stratification and residual confounding T.M. Beasley, University of Alabama at Birmingham, Department of Biostatistics, Section on Statistical Genetics.
10:20 – 11:00	Uncertainty and sensitivity analysis of a model for SARS transmission J.F. Brewster, University of Manitoba, Department of Statistics and Institute of Industrial Mathematical Sciences.
11:00 – 11:20	Coffee Break (Atrium, Helen Glass Centre)
11:20 – 12:00	Step-down tests for multivariate independent group designs L.M. Lix, University of Manitoba, Department of Community Health Sciences.
12:00 – 2:00	Lunch Break Restaurant North Garden 6-33 University Crescent tel: 275-2591

Day 2 (Thursday August 5, 2004): Afternoon session

Location of talks: Room 260, Helen Glass Centre for Nursing, University of Manitoba, Fort Garry Campus.

2:00 – 2:40	Application of hierarchical models to administrative health data D. Chateau and O. Ekuma, University of Manitoba, Manitoba Centre for Health Policy.
2:40 – 3:20	Diallel crosses and incomplete block designs D.K. Ghosh, Saurashtra University, Department of Statistics.
3:20 – 3:40	Coffee Break (Atrium, Helen Glass Centre)
3:40 – 4:20	Title TBA A.B. Gumel University of Manitoba, Department of Mathematics and Institute of Industrial Mathematical Sciences.
4:30 – 5:30	Round table 4: Nonparametric methods for repeated measurements, T.M. Beasley Round table 5: Analysis of multivariate longitudinal designs, L. Lix Round table 6: TBA
6:30	Dinner East India Company Pub & Eatery 349 York Ave. tel: 947-3097

Day 3 (Friday August 6, 2004): Morning session

Location of talks: Room 260, Helen Glass Centre for Nursing, University of Manitoba, Fort Garry Campus.

9:30 – 9:40	Opening Remarks
9:40 – 10:20	The use of bandit processes in mathematical finance and economics X. Wang, University of Manitoba, Department of Statistics.
10:20 – 11:00	On valuation of life insurance contracts with equity-linked maturity guarantees A. Melnikov, University of Alberta, Department of Mathematical and Statistical Sciences.
11:00 – 11:20	Coffee Break (Atrium, Helen Glass Centre)
11:20 – 12:00	Inference for random coefficient GARCH models A. Thavaneswaran, University of Manitoba, Department of Statistics.

Last updated: July 30, 2004.