

Thursday, June 4, 2009

8:45 – 9:00am Dave Campbell, Opening Remark and local information

9:00 – 10:30 Presentation 1: Approximate Likelihood and MCMC

Chair: James O. Ramsay, McGill University

9:00 – 9:45 Simon Wood, Department of Mathematical Sciences, University of Bath

9:45 – 10:30 Perry de Valpine, Department of Environmental Science, Policy and Management, University of California, Berkeley

10:30-11:00 Coffee break

11:00 – 12:30 Presentation 2: Semiparametric Dynamic Modelling

Chair: Giles Hooker, Cornell University

11:00 – 11:45 Jiguo Cao, Department of Statistics and Actuarial Science, Simon Fraser University

11:45 – 12:30 Jie Peng, Department of Statistics, University of California Davis

12:30 – 2:00 Lunch (provided by the workshop)

2:00 – 3:30 Presentation 3: MCMC methods for estimating dynamic models

Chair: Subhash Lele, University of Alberta

2:00-2:45 James Beck, Department of Civil Engineering and Applied Mechanics, California Institute of Technology

2:45 – 3:30 David Campbell, Department of Statistics and Actuarial Science, Simon Fraser University

3:30 – 4:00 Coffee break

4:00 – 5:30 Presentation 4: Modelling fisheries systems

Chair: David Campbell, Simon Fraser University

4:00-4:45 Sean Cox and Randall Peterman, School of Resource and Environmental Management, Simon Fraser University

4:45 – 5:30, Mark Lewis, Centre for Mathematical Biology, University of Alberta

5:30 – 10:00 Reception and poster session

Friday, June 5, 2009

9:00 – 10:30 Presentation 5: Systems and Computational Biology

Chair: Jiguo Cao, Simon Fraser University

9:00 – 9:45 Rongling Wu, Departments of Public Health Sciences and Statistics, Pennsylvania State University

9:45 – 10:30 Mark Girolami, Department of Computer Science, University of Glasgow

10:30-11:00 Coffee break

11:00 – 12:30 Presentation 6: Infectious Disease Modeling

Chair: James O. Ramsay, McGill University

11:00 – 11:45 Hulin Wu, Center for Biodefence Immune Modeling, University of Rochester

11:45 – 12:30 Mike Dowd, Department of Mathematics and Statistics, Dalhousie University

12:30 – 2:00 Lunch (provided by the workshop)

2:00 – 3:30 Presentation 7: Data Cloning and Applications

Chair: David Campbell, Simon Fraser University

2:00-2:45 Subhash Lele, Department of Mathematical and Statistical Sciences, University of Alberta

2:45 – 3:30 Brian Dennis, Department of Fish and Wildlife Resources and Department of Statistics, University of Idaho

3:30 End of the day

Saturday, June 6, 2009

9:00 – 10:30 Presentation 8: Inference for Stochastic Dynamic Models

Chair: Jiguo Cao, Simon Fraser University

9:00 – 9:45 Samuel Kou, Department of Statistics, Harvard University

9:45 – 10:30 Aaron King, Department of Mathematics, University of Michigan

10:30-11:00 Coffee break

11:00 – 12:30 Presentation 9:

Chair: Giles Hooker, Cornell University

11:00 – 11:45 Spencer Graves, Productive Systems Engineering

11:45 – 12:30 Anand Vidyashankar, Cornell University

12:30 – 12:45 Closing Remarks: James O. Ramsay

12:45 Lunch (provided by the workshop)