

Cherry Bud Workshop 2006

Building Models from Data

Preliminary Programme

Monday 27 March 2006

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
09.00	<i>Registration</i>	
09.30	<i>Opening</i>	Ritei Shibata
09.45	Measuring traffic.	John Rice
10.30	<i>Coffee/tea break</i>	
11.00	A Poisson cluster model for teletraffic data.	Thomas Mikosch
11.45	The behavior of the general stable distributions and their Fisher information matrix near the normal distribution.	Muneya Matsui
12.30	<i>Lunch</i>	
13.30	Modelling circular data using the highly flexible wrapped α -stable family of distributions.	Arthur Pewsey
14.15	A circular-circular regression model.	Shogo Kato
15.00	<i>Coffee/tea break</i>	
15.30	On a bivariate compound Poisson model.	Arun Sinha
16.15	Aggregate claims, solvency and reinsurance.	David Dickson
17.00	Rank process and stochastic corridor: nonparametric statistics of lognormal observations and exotic derivatives based on them.	Ryozo Miura
18.00	<i>Welcome party</i>	

Tuesday 28 March 2006

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
09.00	Building models for spatial-temporal rainfall fields.	Valerie Isham
09.45	Hidden and not-so-hidden Markov models: implications for environmental data analysis.	Richard Katz
10.30	<i>Coffee/tea break</i>	
11.00	A multisite rainfall generation model applied to New Zealand data.	Peter Thomson
11.45	Hidden Markov models for precipitation.	Pierre Ailliot
12.30	<i>Lunch</i>	
13.30	Hidden Markov models for circular-valued time series.	Walter Zucchini
14.15	Parameter estimation for discrete hidden Markov models.	Junko Murakami
15.00	<i>Coffee/tea break</i>	
15.30	Unstable periodic orbits of a chaotic growth cycle model.	Yoshitaka Saiki
16.15	High dimensional data visualisation: the textile plot.	Natsuhiko Kumasaka
19.00	<i>Workshop dinner</i>	

Wednesday 29 March 2006

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
09.00	Multi-parameter auto-models with applications to cooperative systems and motion texture modeling.	Jian-Feng Yao
09.45	Partition of homonyms by accents and a generalized family of Stirling distributions.	Masaaki Sibuya
10.30	Experimental methods for model (tuning) parameter selection.	William Cleveland
11.15	Modelling continuously acquired survey data: a case study on balancing statistical and end-user considerations.	Nicholas Fisher
12.00	<i>Lunch</i>	
13.00	<i>Excursion</i>	
16.50	<i>Boat cruise</i>	

Tuesday 30 March 2006

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
09.00	Development of algorithms for the test of association between haplotypes and phenotypes using SNP data.	Naoyuki Kamatani
09.45	Estimation of haplotype associated with several quantitative phenotypic values based on maximization of area under ROC curve.	Shigeo Kamitsuji
10.30	<i>Coffee/tea break</i>	
11.00	Building models from high throughput biotechnology data.	Glenn Stone
11.45	Markov chain modelling of recombination fraction of chromosomes.	Yuki Sugaya
12.30	<i>Lunch</i>	
13.30	Data modelling of neuron membrane potential.	Hideyasu Shimadzu
14.15	Modelling breath flow time series.	Ritei Shibata
15.00	<i>Closing</i>	<i>Organising Committee</i>
15.10	<i>Coffee/tea</i>	