Cherry Bud Workshop 2008
Discovery through Data Science

Programme

Tuesday 25 March 2008

Time	*Topic*	*Speaker*
09.00	*Registration & Coffee/tea break*	
10.00	*Opening*	
10.15	Importance of Data Science in the field of pharmacogenomics	Shigeo Kamitsuji ✻
11.00	Statistics for climate prediction: uncertainty and biases	Hans Künsch
11.45	Statistics of extremes in climate: reconciling theory with observations	Richard Katz
12.30	*Lunch*	
13.30	A new project to foster joint Japanese-Australian discovery through Data Science for environmental and ecological management	Charis Burridge
14.15	Ideas of DandD	Ritei Shibata
15.00	*Coffee/tea break*	
15.30	Comparison of multivariate data representations: three eyes are better than one (Joint session)	Antony Unwin, Natsuhiko Kumasaka ✻
17.00	*Poster Session and Exploration of DandD World*	
	DandD instance generation in the textile plot environment	Natsuhiko Kumasaka ✻
	DandD environment for financial data	Daisuke Yokouchi ✻
	Symmetric unimodal models for directional data motivated by inverse stereographic projection	Toshihiro Abe ✻
	Relative error of the generalized Pareto approximation to Value-at-Risk	Sho Nishiuchi ✻
	A structual credit risk valuation model with a multiple company debts structure	Raphaël Salmon ✻
	The generalized t-distribution on the circle	Hai-Yen Siew ✻
	A linkage analysis using high-density SNP marker data	Yuki Sugaya ✻
18.00	*Welcome party*	

Wednesday 26 March 2008

Time	*Topic*	*Speaker*
09.00	Analysing high-density SNP marker data for linkage with colo-rectal cancer	Ian Saunders
09.45	Statistical challenges to genome-wide association study	Naoyuki Kamatani
10.30	*Coffee/tea break*	
11.00	On nonparametric variable selection	Kjell Doksum
11.45	V-fold penalization: an alternative to V-fold cross-validation	Sylvain Arlot
12.30	*Lunch*	
13.30	Statistical methods for online monitoring in intensive care	Ursula Gather
14.15	Detecting anomalies in sensor network data	Richard Jarrett
15.00	*Coffee/tea break*	
15.30	Road surface characteristics and traffic accident rates on New Zealand's state highway network	Robert Davies
16.15	Discovery of a structural model for neuronal activation	Hideyasu Shimadzu ✻
18.30	*Workshop dinner*	

Thursday 27 March 2008

Time	*Topic*	*Speaker*
10.15	Panjer's and related families of distributions in risk theory	Kunio Shimizu
11.00	Measuring volatility of non-normal returns	John Randal
11.45	Education of Data Science in Keio SFC High School	Kunihiro Baba ✻
12.15	*Lunch*	
13.00	*Excursion*	

Friday 28 March 2008

Time	*Topic*	*Speaker*
09.00	Analysis of a dataset for statistical disclosure control: application of a multi-index random partition model	Masaaki Sibuya
09.45	Two nested families of skew-symmetric circular distributions	Arthur Pewsey
10.30	*Coffee/tea break*	
11.00	Scaling for skewness, with spin-offs and insights	Chris Jones
11.45	A family of asymmetric distributions on the circle with links to, and applications arising from, Möbius transformation	Shogo Kato ✻
12.30	*Lunch*	
13.30	Geysers, wind, financial returns and homicides; applications of hidden Markov models	Walter Zucchini
14.15	Hidden Markov models for New Zealand hydro catchment inflows: a preliminary analysis	Peter Thomson
15.00	*Closing*	
15.10	*Coffee/tea*	