AUSTRALASIAN BAYESIAN NETWORK MODELLING SOCIETY CONFERENCE 2010

PRELIMINARY PROGRAM

DAY 1	Thursday 25th November		
8:30	Registration opens		
9:00	Conference opening	Ann Nicholson (*Monash Uni*) , Society President	
9:30	Keynote presentation	Katherine Tibbets (*MDBA*)	Water Planning and Bayesian Networks – a user's perspective
10:30	**Morning Tea**		
	SESSION: Coupling Bns with other tools		
11:00		Anna Charisse Farr (*QUT*)	*Bayesian Networks as a Complex System tool in the context of a major industry and University project*
11:20		Adam Liedloff (*CSIRO*)	*Predicting a 'tree change' in Australia's tropical savannas: Combining different types of models to understand complex ecosystem behaviour*
11:40		Ann Nicholson (*Monash Uni*)	*Combining state and transition models with dynamic Bayesian networks*
12:00		Kevin Korb	BNs for Anomalous Vessel Detection
12:20	**Lunch**		
	SESSION: General applications		
1:10		Renee Brawata (ANU)	*Is dingo management the key? Using a Bayesian Belief Network to assess the impact of an apex predator on biodiversity conservation in the Australian arid zone*
1:30		Justine Murray (*CSIRO*)	*Modelling invasive risk of a changing landscape: Using BBNs to target areas for effective weed management*
1:50		Trent Penman (*Industry & Investment*)	*Bayes Nets as a method for analysing return for investment in fire management planning*
2:10		Bonnie Wintle (*Melbourne University*)	*Interpreting Risk and Motivational Context: Importing New Zealand Apples into Australia*
2:30		Brooke Abrahams (*Victoria University*)	*A Bayesian Belief Network for Legal Decision Support in Owners Corporation Cases*
2:50	**Afternoon tea**		
	General applications cont'd		
3:20		Carmel Pollino (*CSIRO*)	*Linking water and estuary condition in Tasmania*
	SPECIAL PRESENTATION		
3:40		Ann Nicholson (as ABNMS Pres)	*ABNMS-hosted Repository for Bayesian network models*
4:00	ABNMS Annual meeting		
7:00	Conference Dinner	Turkish Pide House 16 Moore St, Canberra City	
DAY 2	Friday 26th November		
8:55	House keeping		
	SESSION: Innovative concepts in building Bns		
9:00		David Albrecht (*Monash Uni*)	*Modelling Constraints in Bayesian Networks*
9:20		Owen Woodberry (*Bayesian Intelligence*	Hybrid Verbal BN
9:40		Edin Sarajlic	*Consumer Credit Scoring: Building a better predictor using Bayesian networks*
10:00		Steven Mascaro (*Voracity*)	*Visualisation of BN Learner Outputs*
10:20		Sandra Johnson (*QUT*)	*Object Oriented Bayesian Networks: Designing for simplicity and integration*
10:40	**Morning Tea**		
	SESSION: Stakeholder engagement		
11:10		Jenifer Ticehurst (*ANU*)	*Build collaborative models or capacity? Reflections from two years on*
11:30	Discussion session	Carmel Pollino (*CSIRO*)	*Research needs for Bayesian networks*
12:30	Closing remarks	Ann Nicholson	
12:40	**Lunch & departure**		

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