

# Program for the 6th Bayesian Modelling Applications Workshop

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**Location:** Main Building, 3rd floor, Room (Sali) 13

**09:00 – 09:30 Welcome and Introduction** by Silja Renooij

**09:30 – 10:30 Session I: Probability elicitation and bias**  
Moderator: Marek Druzdzel

*Observations from field trials with several elicitation techniques  
in an ecological domain*

C.R. Thomas, A.E. Nicholson, and B.T. Hart

*Relieving the elicitation burden of Bayesian Belief Networks*

B.W. Wisse, S.P. van Gosliga, N.P. van Elst, and A.I. Barros

**10:30 – 11:00 Coffee Break**

**11:00 – 12:30 Session II: Model elicitation and bias**  
Moderator: John-Mark Agosta

*A Bayesian approach to learning in fault isolation*

H. Wettig, A. Pernestål, T. Silander, and M. Nyberg

*Hypothesis Management Framework: a flexible design pattern  
for belief networks in decision support systems*

S.P. van Gosliga and I. van de Voorde

*An experimental procedure for evaluating user-centered methods  
for rapid Bayesian network construction*

M. Farry, J. Pfautz, Z. Cox, A. Bisantz, R. Stone, and E. Roth

**12:30 – 14:30 Lunch Break**

**14:30 – 16:00 Session III: Biased inference**  
Moderator: Silja Renooij

*The impact of overconfidence bias on practical accuracy  
of Bayesian network models: an empirical study*

M.J. Druzdzel and A. Oniško

**Results of the probabilistic inference evaluation**

R. Dechter and A. Darwiche

**16:00 – 16:30 Coffee Break**

**16:30 – 18:00 Session IV: Making bias explicit**  
Moderator: Finn Jensen

*Methods for representing bias in Bayesian networks*

E. Carlson, S. Guarino, and J. Pfautz

**General discussion and Closing**

**18:00-20:00** Reception (also in Main building)