CUW'01
Constraints and Uncertainty

A CP'2001 post-conference workshop

Cyprus
1st December, 2001

The handling of uncertainty is a significant issue in many real-world problems traditionally tackled by constraint-based methods. Uncertainty can arise through incomplete knowledge of the problem at hand, or through incomplete knowledge of how the problem changes over time, or may be inherent in the problem itself. Though explicit treatment of uncertainty has long been a central topic in artificial intelligence, it has received little attention from the constraints community. Constraints research that has addressed uncertainty is dispersed among a number of sub-fields - Soft Constraints, and Dynamic CSPs, for example. The goal of this workshop is to bring together the different aspects of uncertainty in constraint problems, to consider how existing methods can be used to handle uncertainty, and to consider avenues for future research. The workshop should be of interest to those modelling and solving real world problems, to those interested in theoretical issues in constraints, and also to members of the Uncertainty in AI community.

These working notes contain both full papers and 2-page position papers. We welcome you to the workshop, and look forward to a fruitful discussion.

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