



Special Track on *Case-Based Reasoning*

Case-based reasoning (CBR) is an artificial intelligence problem solving and analysis methodology that retrieves and adapts previous experiences to fit new contexts. In CBR systems, expertise is embodied in a library of past cases, rather than being encoded in classical rules. A new problem is solved by finding a similar past case and reusing it in the new problem situation. Therefore, the knowledge and reasoning process used by an expert to solve the problem is not recorded, but is implicit in its solution.

The CBR field has grown rapidly over the last few years, as seen by its increased share of papers at major conferences, available commercial tools, and successful applications in daily use. This forum is intended to gather AI researchers and practitioners with an interest in CBR to present and discuss developments in CBR theory and application.

This is the 13th CBR special track at FLAIRS. The FLAIRS special track program has provided a focal point for the North American case-based reasoning community, though it has drawn good international participation as well. The CBR special track at FLAIRS has come to fill the important role of a North American symposium on CBR and it is well regarded in the community. This year we were pleased to accept eight full papers and two poster papers.

Finally, we would like to thank everyone who contributed to the success of this special track, especially the authors, the program committee members, the reviewers, and the organizers of the FLAIRS 2013 conference.