



*Special Track:*

## **Case-Based Reasoning**

Case-based reasoning (CBR) is a methodology for analyzing and solving problems in which captured experiences can be matched, retrieved, reused, and revised to assist with the current performance task. While not a subset of machine learning (that is, many CBR research efforts, and most deployed applications, contain no learning component), there are many opportunities for learning in CBR, such as for acquiring cases, their vocabulary, retrieval knowledge, and adaptation knowledge. The contributions of the twelve papers in this track reflect a diversity of interests, including machine learning as well as the theoretical study of similarity, knowledge representation, diagnosis, planning, interpretive reasoning, argumentation, and knowledge management. Representative application topics include game AI and intelligence analysis. This track provides an international forum for discussing the latest research developments in CBR, its relation to other fields of interest, and its application.