

2011 International Workshop on Domain Driven Data Mining

Preface

Following the success of SIGKDD-DDDM2007, ICDM-DDDM2008, ICDM-DDDM2009, and ICDM-DDDM2010, the “2011 International Workshop on Domain Driven Data Mining (DDDM2011)” workshop aims to provide a premier forum for sharing findings, knowledge, insight, experience and lessons in tackling potential challenges in discovering actionable knowledge from complex domain problems, promoting interaction and filling the gap between academia and business, and driving a paradigm shift from interesting hidden pattern mining to actionable knowledge discovery in varying data mining domains.

This year we received 10 submissions and another 13 submissions transferred from the main conference. Based on the quality of the submissions, 14 papers were finally selected to be included into the workshop proceedings. The accepted papers cover not only different types of domain-driven data mining techniques such as domain-specific data cleaning, default predication, usage forecasting and casual association mining; but also various domains from health databases, human resource databases to huge volatile robotic data. These works demonstrate that domain-driven data mining is an active research area where much more research efforts are desired to develop workable and operational data mining algorithms and tool.

Finally, we also would like to take this opportunity to thank the program committee members for their contributions to paper selection. Without their knowledge, it's impossible to ensure the consistently high quality of the DDDM workshop!

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