Preface

This volume contains the papers presented at ORE 2014: The 3rd OWL Reasoner Evaluation Workshop held on July 13, 2014 in Vienna (co-located with the Vienna Summer of Logic, VSL). The committee decided to accept 11 papers (5 Evaluation and Benchmarks papers, 3 papers about a reasoner or reasoning techniques, and 3 papers describing an ontology). Each submission was reviewed by at least 3 program committee members.

OWL is a logic-based ontology language standard designed to promote inter-operability, particularly in the context of the (Semantic) Web. The standard has encouraged the development of numerous OWL reasoning systems, and such systems are already key components of many applications.

The goal of ORE is to bring together the developers and users of reasoners for (subsets of) OWL, including systems focusing on both intensional (ontology) and extensional (data) query answering. The workshop will give developers a perfect opportunity to promote their systems.

In addition to workshop paper submissions, ORE 2014 also included a competition in which OWL reasoners were faced with different reasoning tasks. The competition included six disciplines in which reasoners could compete: ontology classification, consistency checking, and realisation each for OWL EL and OWL DL reasoners. The tasks were performed on several large corpora of real-life OWL ontologies obtained from the web, as well as user-submitted ontologies which were found to be challenging for reasoners.

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