

OM-2012

The Seventh International Workshop on ONTOLOGY MATCHING

<http://om2012.OntologyMatching.org/>



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The Ontology Matching workshop has three goals:

- To bring together leaders from academia, industry and user institutions dealing with ontology matching in order to assess how academic advances are addressing real-world requirements. The workshop will strive to improve academic awareness of industrial and final user needs, and therefore, direct research towards those needs. Simultaneously, the workshop will serve to inform industry and user representatives about existing research efforts that may meet their requirements.
- To conduct an extensive evaluation of ontology matching approaches through the OAEI (Ontology Alignment Evaluation Initiative) 2012 campaign.
- To examine similarities and differences from database schema matching, which has received decades of attention but is just beginning to transition to mainstream tools.

Topics of Interest:

- Business and use cases for matching (e.g., open government data)
- Requirements to matching from specific domains
- Application of matching techniques in real-world scenarios
- Formal foundations and frameworks for matching
- Matching patterns
- Instance matching and data interlinking
- Large-scale matching evaluation
- Performance of matching techniques
- Matcher selection and self-configuration
- User involvement (including both technical and organizational aspects)
- Explanations in matching
- Social and collaborative matching
- Alignment management
- Reasoning with alignments
- Matching for traditional applications (e.g., information integration)
- Matching for emerging applications (e.g., linked data, search)

Workshop Format:

The event will include the following components: technical presentations, OAEI'12 results presentations, posters, panel and summative wrap-up discussion.

Submissions:

Contributions to the workshop can be made in terms of (i) technical papers and posters addressing different issues of ontology matching as well as (ii) participating in the OAEI 2012 campaign:

- Technical papers should be not longer than 12 pages and posters should be not longer than 2 pages. The LNCS Style must be used. These should be prepared in PDF format and should be submitted through the workshop submission site at: <http://www.easychair.org/conferences/?conf=om2012>. Contributions will be refereed by the Program Committee. Accepted papers will be published in the workshop proceedings as a volume of CEUR-WS. The extended versions of the best technical papers of the workshop will be invited to the Journal on Data Semantics.
- Contributors to the OAEI 2012 campaign have to follow the campaign conditions available at <http://oaei.ontologymatching.org/2012>.

Tentative Important Dates for Technical Papers:

July 31, 2012:	Deadline for the submission of papers
August 31, 2012:	Deadline for the notification of acceptance/rejection
September 10, 2012:	Deadline for the receipt of camera-ready papers

Venue:

November 11 or 12, 2012, ISWC'12 Workshop Program, The Boston Park Plaza Hotel & Towers, Boston, MA USA

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