

ODBASE 2009

Contributed by Administrator
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Nov 1st to 6th 2009 - The 8th International Conference on Ontologies, DataBases, and Applications of Semantics

<http://www.onthemove-conferences.org>

Proceedings will be published by Springer Verlag Chaired by:

Avigdor Gal, Technion - Israel Institute of Technology

Annika Hinze, The University of Waikato, New Zealand

Sharma Chakravarthy, University of Texas at Arlington, USA
 About ODBASE
 The conference on Ontologies, DataBases, and Applications of Semantics for Large Scale Information Systems (ODBASE'09) provides a forum on the use of ontologies and data semantics in novel applications. Of particular relevance to ODBASE 2009 are papers that bridge traditional boundaries between disciplines such as databases, networking, mobile systems, artificial intelligence, information retrieval, and computational linguistics. We also encourage the submission of research and practical experience papers concerning scale issues in ontology management, information integration, and data mining, as well as papers that examine the information needs of various applications. This year, in addition to its traditional focus on the management of semantically-rich information, ODBASE will have a special theme on "Semantics in Complex Event Processing." We encourage submissions in areas that connect semantics with event processing and sub-pub systems. ODBASE'09 intends to draw a highly diverse body of researchers and practitioners by being part of the Federated conferences Event "On the Move to Meaningful Internet Systems 2009 (OnTheMove'09)" that co-locates five conferences: ODBASE'09, DOA'09 (International Symposium on Distributed Objects and Applications), CoopIS'09 (International Conference on Cooperative Information Systems), GADA'09 (International Conference on Grid computing, high-performance and Distributed Applications), and IS'09 (International Symposium on Information Security). ODBASE 2009 will consider two categories of papers: research and experience. Research papers must contain novel, unpublished results. Experience papers must describe existing, real-world scale systems; preference will be given to papers that describe software products or systems that are in wide experimental use.
 TOPICS OF INTEREST

Specific areas of interest to ODBASE'09 include but are not limited to:

Semantic Management of Complex Event Processing

- Semantic event-driven architectures
- Semantic profile and event processing for pub-sub systems
- Extending event algebras, event schemas and type systems with ontologies
- Semantic event dissemination
- (Self-)Management using ontologies
- Use cases and applications of semantic event-based systems
- Event-driven business process management

Management of Semantically-Expressive Information

- Semantic data models and semantic querying
- Semantic dataspace
- Ontology engineering
- Semantic integration, including ontology matching, merging, etc.
- Management of large ontology-driven data and knowledge bases
- Semantic information retrieval
- Emergent semantics
- Social semantic systems
- Semantic multimedia management
- Metadata management
- XML and Semantics
- Hypertext, multimedia, and hypermedia semantics
- Semantic middleware
- Semantic SOA
- Ontological support for location-aware services and mobile information systems
- Searching and managing dynamic knowledge

Applications, Evaluations, and Experiences in the following domains:

- Web 2.0
- Personal Information Management
- Media Archives and Digital Libraries
- Enterprise-wide Information Systems

- Web-based Information Systems
- Web Services
- eCommerce
- eScience
- eOrganizations (virtual organizations, virtual marketplaces, etc.)
- Bioinformatics
- Emergency Response
- Ubiquitous and Mobile Information Systems