Welcome from the Co-chairs
First International Workshop on Distributed XML Processing:
Theory and Practice (DXP 2009)

XML is widely recognized as the standard de facto for coupling with the heterogeneity of data repositories and software platforms of distributed environments. In light of this, distributed XML processing plays a key role in the context of a plethora of modern distributed data, information and knowledge management applications and systems. Distributed XML processing deals with both theoretical and practical aspects, ranging from sophisticated theoretical tools to efficient algorithms and frameworks. A wide number of open research issues and challenges derive from meaningfully handling XML in distributed environments.

Inspired by these research challenges, the First International Workshop on Distributed XML Processing: Theory and Practice (DXP 2009), which is organized in conjunction with the 38th International Conference on Parallel Processing (ICPP 2009), Vienna, Austria, focuses on distributed XML processing by posing the emphasis on both theoretical as well as a practical aspects.

The workshop has received 10 papers from several countries around the world, out of which 4 papers were accepted by the Program Committee for publication in the proceedings of ICPP 2009. Each submitted paper went through a rigorous review and selection process, which has finally ensured the quality of selected papers.

Selected papers cover topics in the distributed XML processing area, and focus on the following themes: (i) collaborative clustering of XML documents, (ii) mining workflow processes from distributed workflow event logs, (iii) anonymization of XML data cubes in distributed OLAP environments, (iv) distributed concurrency control mechanisms for XML data.

Workshop Co-Chairs are extremely grateful to authors who submitted papers, and to Program Committee members for they invaluable review efforts. Workshop Co-Chairs are also extremely grateful to the ICPP 2009 Workshop General Co-Chairs, Prof. Leonard Barolli and Prof. Wuchun Feng, for their timely support and organization.

DXP 2009 Workshop Co-Chairs

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