

Lecture Notes in Business Information Processing

17

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Preface

These proceedings contain the final versions of papers accepted for the workshops that were held in conjunction with the 6th International Conference on Business Process Management (BPM 2008) that took place in Milan, Italy. Thirteen workshop proposals were submitted for this conference, nine of which were selected, and ultimately they ran concurrently on September 1, 2008. This was the fourth year running for BPM workshops, a testament to the continued success of the workshop program.

This year the workshops included some new emerging areas:

Business Process Management and Social Software focused on the interaction of social software and the underlying paradigm of social production with business processes, by exploring how social software and social production interact with business process management, how business process management has to change to comply with social production, and how business processes may profit from social techniques.

Model-Driven Engineering for Business Process Management was about the application of model-driven engineering to business process management, by focusing on research problems that arise when the model-driven engineering and development methodology is applied to automate the whole lifecycle of business process modeling artifacts (e.g., automatically mapping high-level business process models to executable IT-level workflows).

Process Management for Highly Dynamic and Pervasive Scenarios recognized how nowadays process management systems are also being used in pervasive and highly dynamic situations, such as emergency management, pervasive healthcare and ambient intelligence, thus requiring novel approaches merging traditional BPM with artificial intelligence, agent programming and robotics.

QoS of Self-healing Web Services attacked the emerging area of Web service composition, QoS management and diagnosis, by focusing on distributed and centralized solutions for the diagnosis and repair of choreographed and/or orchestrated Web services, QoS management in choreographed and/or orchestrated Web services, ontologies for QoS.

In addition several well-established workshops completed the program, namely:

Collaborative Business Processes (the second edition) studied how, in these times in which organizations have been undergoing a thorough transformation towards highly flexible and agile collaborations, the business processes of different organizations are required to be integrated seamlessly, while the constructed business process network dynamically evolves to adapt to the continuously changing business conditions.

Business Process Design (the fourth edition) addressed process design, by focusing, besides methodologies, on constraints in process design, user involvement, process reference models and process design quality.

Business Process Intelligence (the fourth edition) considered the application of various measurement and analysis techniques in the area of business process management, by taking into account tools for managing process execution quality by offering several features such as analysis, prediction, monitoring, control, and optimization.

Process-Oriented Information Systems in Healthcare (the second edition) recognized the importance of patient-centered process support in healthcare and looked into the potential benefits and limitations of IT support for healthcare processes.

Semantics for Web Services (the third edition) considered some of the latest research efforts in the field of Semantic Web services including relevant tools and techniques and real-world applications of such services.

We would like to thank the workshop organizers for their tremendous efforts in the preparation for the workshops, the organization of the reviews, the onsite moderation of the workshops, and the publication process. It would not have been possible to hold such successful workshops without their dedication and commitment. We also extend our thanks to the authors for their submissions to the workshops, to the Program Committee members and the additional reviewers for their reviews, and last but not least to the invited speakers for contributing to an interesting overall program.

September 2008

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First International Workshop on Business Process Management and Social Software (BPMS 2008)

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