Short Papers

The contributions selected as short papers mostly refer to S-BPM language extensions, and to applying subject orientation in various domains, including learning and education.

In the first paper Matthes Elstermann and Jivka Ovtcharova present an early draft for a concept of using abstract layers to extend the modeling capabilities of the subject-oriented graphical process-modeling language PASS (Parallel Activity Specification Schema).

In an additional contribution the same authors present a graphical editing concept to extend the PASS capabilities, with respect to ad-hoc instance extension and alternative exception handling mechanisms.

Eray Uluhan and Mehmet N. Aydin look at Complex Adaptive Systems (CAS) theory as an alternative to better capture the complexity of business dynamics than existing BPM paradigms do.

The article of Ramtin Mesbahipour, André Nursinski and Michael Spiller gives a first impression of how the communication-oriented S-BPM approach relates to enterprise architecture management according to The Open Group Architecture Framework (TOGAF).

Christoph Piller and Walter Wölfel show how to use S-BPM to implement production planning for small and medium-sized enterprises (SME).

The work of Kai Michael Höver and Max Mühlhäuser explores the suitability of S-BPM for modeling collaboration scripts used in computer-supported learning environments.

In the last paper Georg Weichhart, Johanna Pirker, Christian Gütl, and Christian Stary present a virtual 3D world, based on a teaching approach following constructivist learning principles and facilitating S-BPM education.