

Business Process Management and Enterprise Modelling

The Business Process Management (BPM) and Enterprise Modelling (EM) research area studies how Information Technology can support organisational needs. Our aim is to move beyond business and IT alignment and support innovation and joint development of sustainable trans-organisational solutions. Application areas include business development and management, product engineering, service design, collaboration engineering, process inter-operability, requirements engineering, as well as knowledge and competence management.



Organizations supported through Information Technology

Our research within **Enterprise Modelling**, EM focuses on modelling organisational aspects such as goals, rules, actors, processes and information system requirements in an integrated way.

A key aspect in EM is a participatory way of working which helps consolidating various stakeholder views into a shared organisational design – an enterprise model. Following these principles we have developed an EM approach called EKD – *Enterprise Knowledge Development*.

We have also worked extensively on EM support. Applications of EM include the analysis of organisational strategies, new product and service design, business re-engineering, distributed value network design, business process standardization, identifying knowledge assets, as well as information system requirements elicitation. We have applied EM in various sectors, e.g. health care, municipalities, education, automotive, airline, tourism, electricity supply and energy efficiency.

Our research in **Business Process Management**, BPM focuses on process language analysis, methods for business process design, social software for process management, process and

workflow patterns, as well as open source implementations of process languages. Applications of BPM are public e-services, process mining, and health care process design and management.

Focus areas, BPM

- Modelling and execution languages
- Open source systems for BPM
- Aspect oriented BPM
- BPM for the Swedish public sector

Contacts

Paul Johannesson
Martin Henkel
Erik Perjons
Janis Stirna
Jelena Zdravkovic

Please consult the web link for contact information.

Ongoing projects

Open Social Services

CaaS - Capability as a Service

EnRiMa - Energy Efficiency and Risk Management in Public Buildings

Open-source initiatives

Anchor Modelling