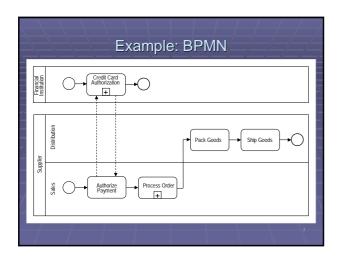
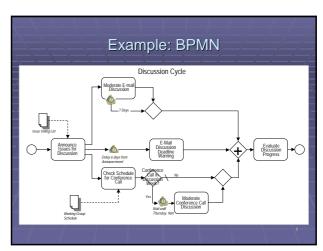
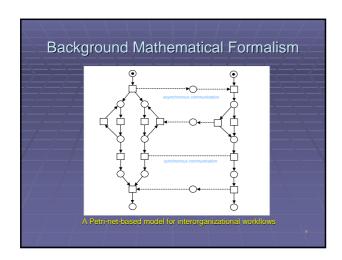
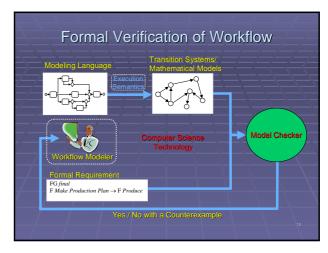


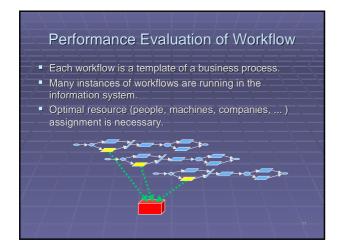
Business Process Modeling Languages IDEF (Integrated Definition Method) BPMI (Business Process Management Initiative) BPML (Business Process Modeling Language) BPMN (Business Process Modeling Notation) BPQL (Business Process Query Language) WfMC (Workflow Management Coalition) Wf-XML BOWL-XML BOWL-XML UML (Unified Modeling Language) Activity Diagram ...

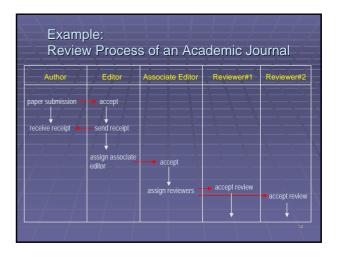




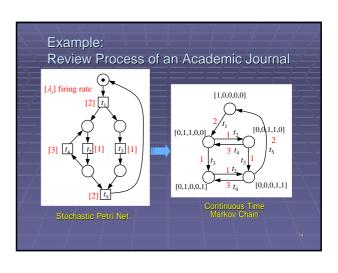


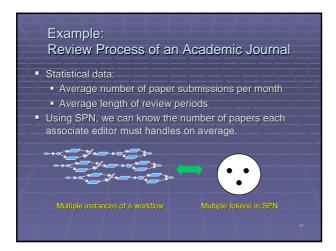


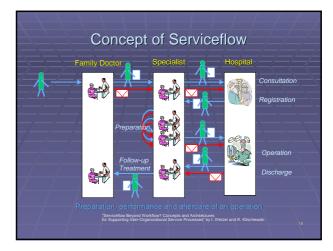


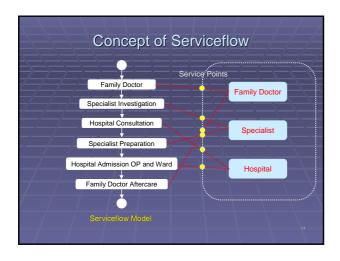


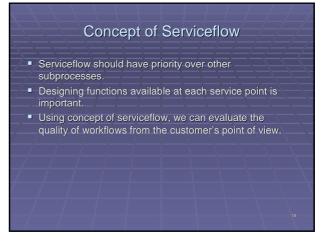
Example: Review Process of an Academic Journal Given: Workflow Statistical data on paper submission Upper bound of the number of papers each associate editor can handle Find: Optimal number of associate editors in each research fields Method: Stochastic Petri net











Summary

- Process oriented approach in business
- Business process modeling languages
- Background mathematical formalism
- Formal verification of workflow
- Performance evaluation of workflow
- Concept of serviceflow