

PROCESS MANAGEMENT

INFORMATION MODELING

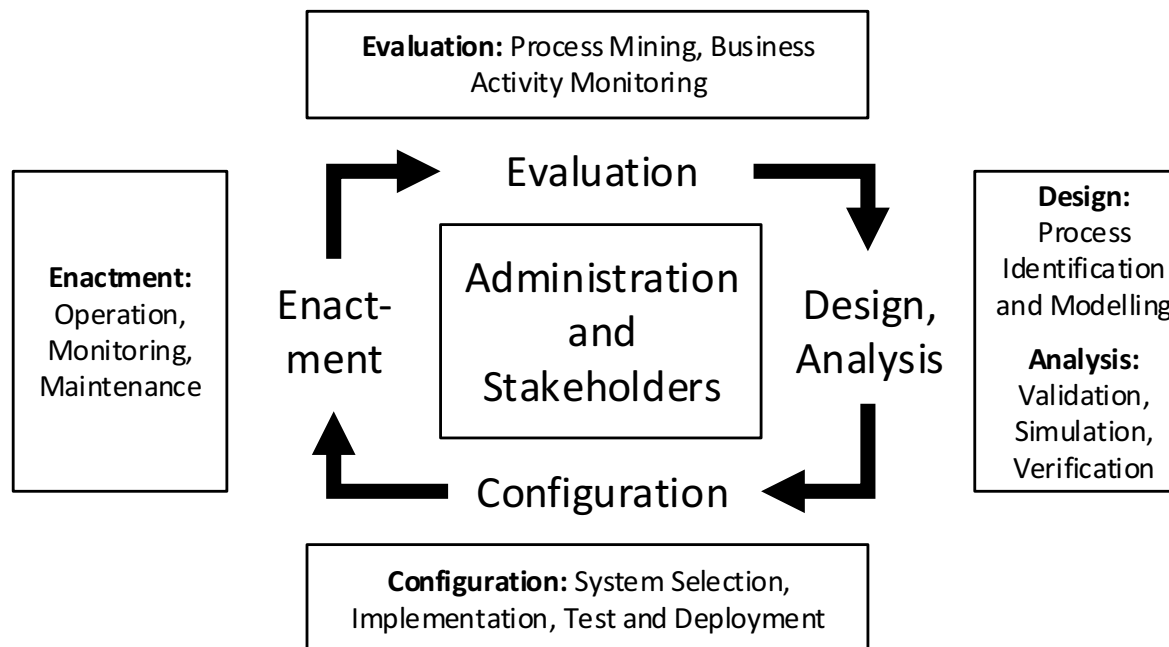
WORKFLOW MANAGEMENT

ENTERPRISE ARCHITECTURE MANAGEMENT

PROCESS MANAGEMENT

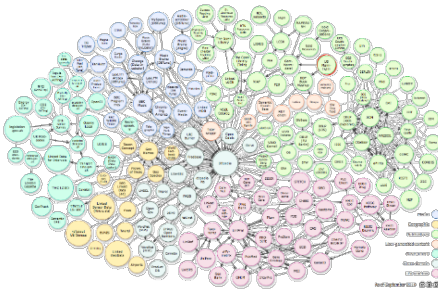


- Process managers are hired by companies that wish to design, maintain, change, and improve interdependent business processes

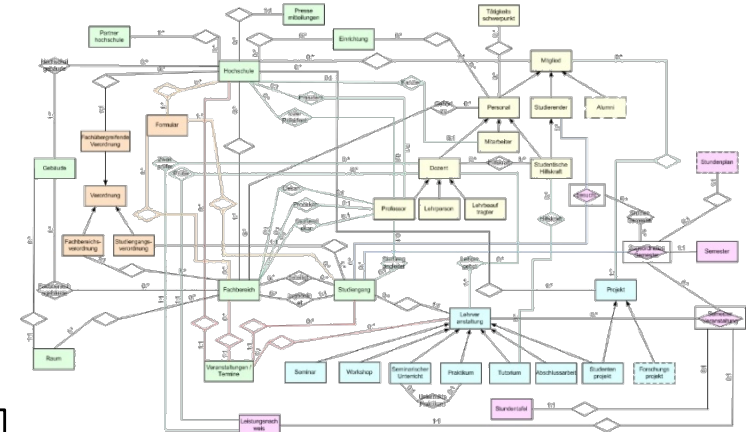


BASICS FOR THIS TRACK

CONCEPTUAL MODELS!

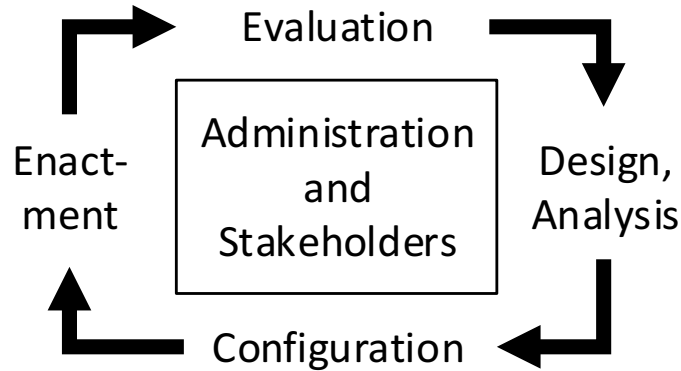


CMS - DATENMODELL - WEB AUFTRITT DER FHA



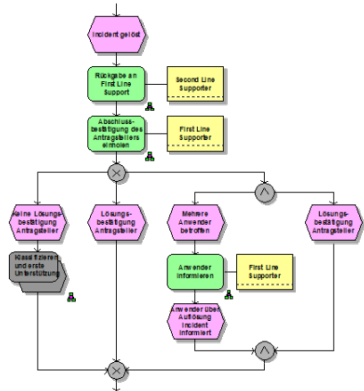
Evaluation: Process Mining, Business Activity Monitoring

Enactment:
Operation,
Monitoring,
Maintenance

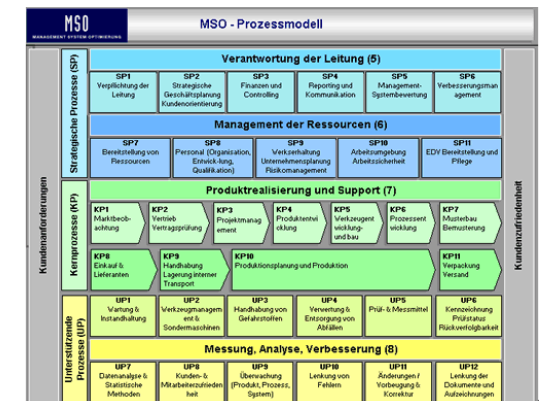
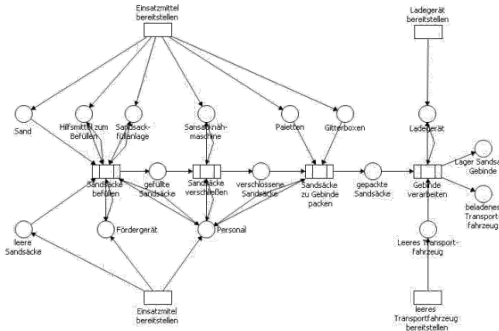
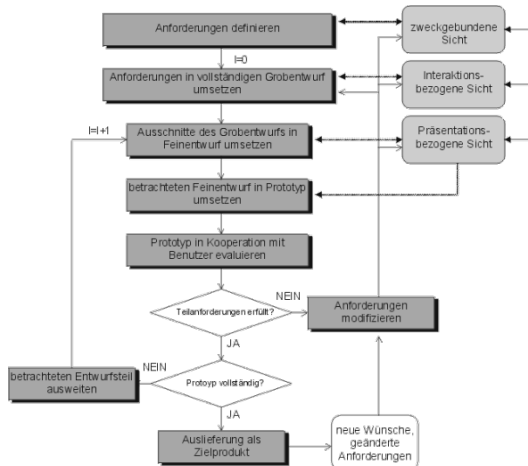


Design:
Process
Identification
and Modelling

Analysis:
Validation,
Simulation,
Verification



Configuration: System Selection,
Implementation, Test and Deployment



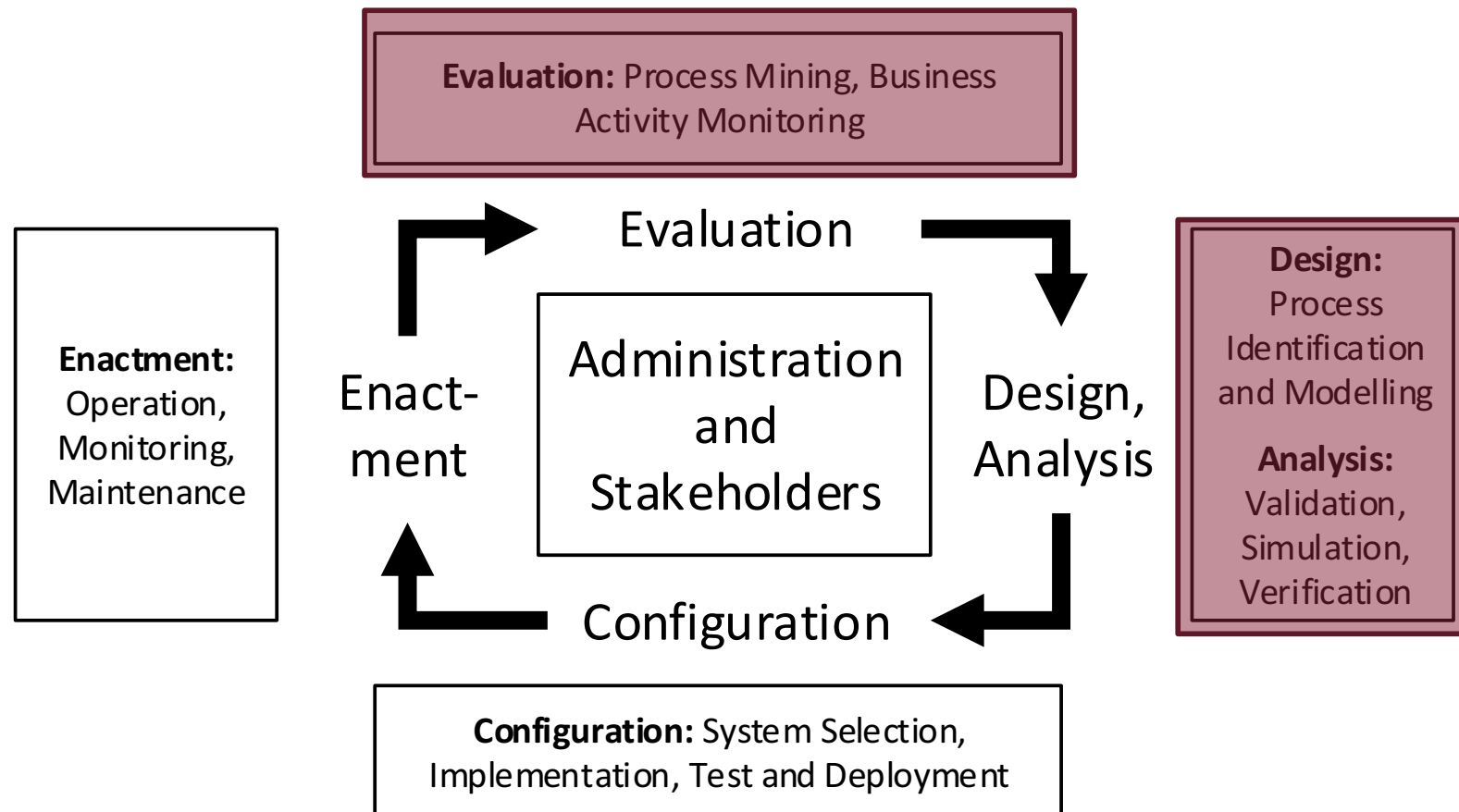
INFORMATION MODELING

PD DR. DELFMANN (WINTER TERM)



- Advanced understanding of conceptual modeling, conceptual modeling languages and conceptual model analysis
- Learning goals:
 - Know how to design and apply modeling languages and tools of different kinds
 - Know how to really exploit the benefits of conceptual modeling through automation of model analysis
 - Know how to apply innovative techniques of conceptual modeling to different business domains

FOCUS OF INFORMATION MODELING



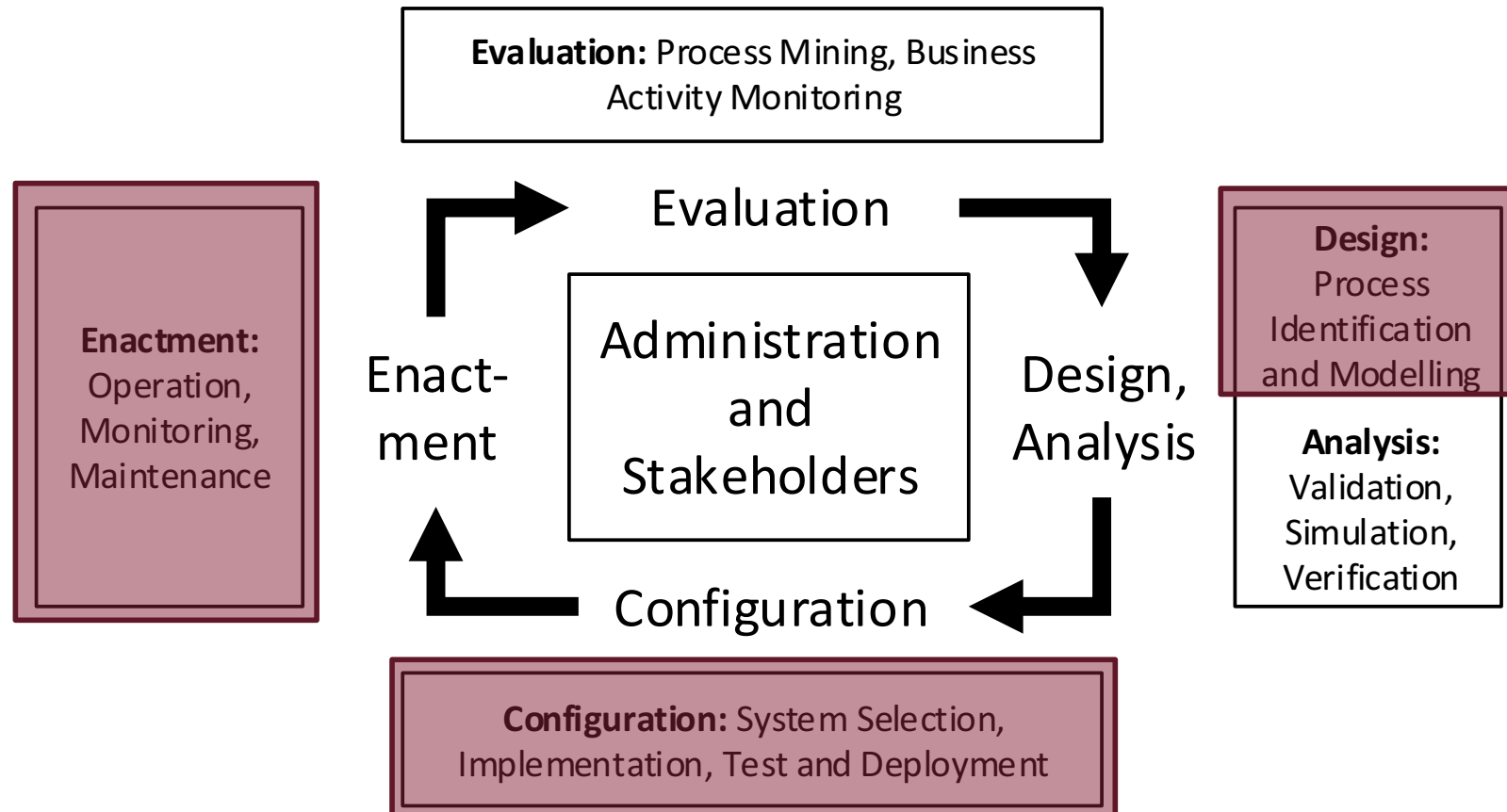
WORKFLOW MANAGEMENT

PD DR. DELFMANN, DR. FLEISCHER (SUMMER TERM)



- Topic: analyze, model, improve, and implement business processes
- Learning goals:
 - Understand the difference between business processes and workflows
 - Be able to model “real-world” business processes
 - Be able to transform business process models into workflow models
 - Be able to implement workflow management systems
 - Understand special aspects of workflow management and latest research results

FOCUS OF WORKFLOW MANAGEMENT



ENTERPRISE ARCHITECTURE MANAGEMENT

PROF. DR. BERND HELLINGRATH (SUMMER TERM)



Building Blocks (the course will ...)



Present...

- Introduce the idea of EAM and basic concepts
- Present current developments, methods and frameworks in the domain of architecture development
- Introduce a concrete architecture realization process by
 - studying The Open Group Architecture Framework (TOGAF)
 - and its Architecture Development Method (ADM)

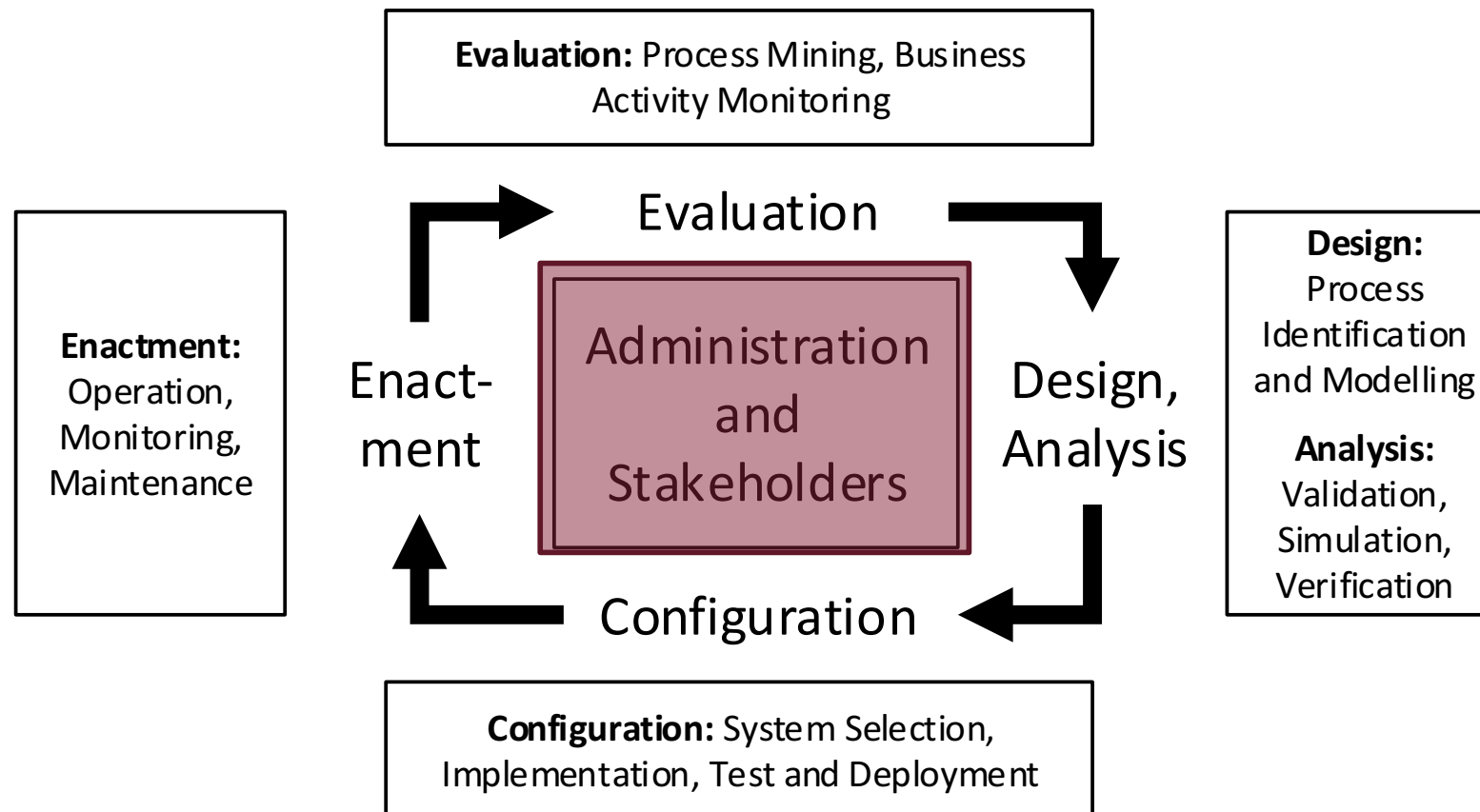


Convey...

- Practical skills in Enterprise Architecture modelling by introducing the modelling language “Archimate” in a tutorial.
- Practical experience in architecture development and presentation by work on an integrated realistic case study
- Real life insights by guest lectures from practitioners (industry, science & consulting), illustrating the reality of EA design and implementation in business



FOCUS OF ENTERPRISE ARCHITECTURE MANAGEMENT



PROCESS MANAGEMENT

THE IS RESEARCH NETWORK

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