

Department of
MIS Engineering

Research Areas & Topics

POSTDOCS' PERSPECTIVE

Dr Andrzej Niesler

Primary research areas

- Information Quality, Chaos Theory
Dr W. Gryncewicz
- Enterprise Information Systems
Design and development (ERP/CRM/BI)
Dr M. Sitarska
- Enterprise Information Systems
Audit and economics, Information management
Dr R. Zygała

Primary research areas

- Controlling Information Systems
Information Systems in Insurance Institutions
Dr I. Chomiak-Orsa
- Information Systems Security Management
IT / IS Risk Analysis
Dr A. Rot
- Integration of Enterprise Information Systems
Ontologies-Based Business Integration, DSS, BPM
Dr A. Niesler

Selected Research Topics

- **Intelligent User Profiling for HCI**
 - Main idea: adaptive user profiling based on user's individual preferences and predispositions
 - Applicable in: e.g. Intelligent Tutoring Systems
 - Working on:
 - User profiler agent – Java/JADE platform
 - Ontology modelling – Protégé platform

(A. Niesler, G. Wydmuch)

Selected Research Topics

- **BinXML in Enterprise Integration Architecture**
 - Main idea: strategies for implementing binary encoding of XML documents, messages, etc. in EIA
 - Applicable in: Middleware, Web services
 - Working on:
 - Measurement tools for different approaches and implementations – EfficientXML (EXI), VTD-XML etc.
 - Integrated assessment model

(A. Niesler)

Thank you