

Research Topics

Crt. Nr.	Diploma Project Topic Description	Supervisor	Nr. of students		Student assignment
			First year	Sec. Year	
1	Building information system specifications from integration of stakeholders' concerns	Luca Dan Serbanati	1	0	
2	Using storyboards for domain model consolidation	Luca Dan Serbanati	1	0	
3	Mapping real systems in digital ecosystems	Luca Dan Serbanati	1	0	
4	Modular ontologies	Luca Dan Serbanati	1	0	
5	Architectures for healthcare information systems	Luca Dan Serbanati	1	0	
6	Coherence and optimality of the Elementary Mathematical Data Model constraint types	Christian Mancas	1	0	
7	MatBase recursive lookup wizard	Christian Mancas	1	0	
8	Fixed Point MatBase Datalog interpreter	Christian Mancas	1	0	
9	Crawling the hidden information in documents	Nicolae Goga	1	1	Larnotte Arnaud
10	Natural language query processing	Nicolae Goga	1	1	Staras Horia
11	Enterprise Service Bus for Semantic Web	Andrei Vasilateanu	1	0	
12	Self-Organization in digital ecosystems	Andrei Vasilateanu	1	0	
13	Adaption Mechanism for Software Agents	Andrei Vasilateanu	1	0	
14	Mobile Applications	Andrei Vasilateanu	1	0	Turlac Alin
15	Ontology Learning Tool for Organizational Documents	Maria Dascalu	1	0	
16	Ontology Alignment Generator for Acquiring Training Services in IT Organizations	Maria Dascalu	1	0	
17	Educational Recommender System for Project-Oriented IT Organizations	Maria Dascalu	1	0	
18	A Critical Survey on Recommender Systems	Maria Dascalu	1	1	Georgescu Serban
19	Ontological Discovery from WSDL	LDS, AV, MD	1	1	
20	Ontology Design Methodologies	LDS, AV, MD	1	1	
21	SPARQL- Querying the Semantic Web	LDS, AV, MD	1	1	
22	Modular Ontologies: Challenges and Solutions	LDS, AV, MD	1	1	
23	Ontology Mapping Languages:a Formal an Conceptual Comparison	LDS, AV, MD	1	1	
24	Graph Theory - A Survey on Search and Explore Algorithms	Maria Dascalu	1	0	Bombeanu Florin
25	Caching Techniques	Andrei Vasilateanu	1	0	