PROPUNERI DE TEME PENTRU LUCRAREA DE DIZERTATIE
Master ADVANCED COMPUTING SYSTEMS

Promotia 2016-2017

Nr. crt.	Coordonator	Titlul temei
1.	Prof. dr. ing. Lucian VINTAN	A Study of Latent Semantic Analysis with applications in NLP domain
2.		Word Embedding Semantic Clustering
3.		Multi-Objective Optimization of a Multi/Many-Core System through an Advanced Domain-Knowledge
4.		Implementing an Advanced Hyper-Heuristic Level in FADSE (Framework for Automatic Design Space Exploration). Validation through Multi-Objective Optimization for a Multi-Core System
5.	Prof. dr. ing. Daniel VOLOVICI	3D Visualization for Big Data
6.		n-Bandit problems and related problems
7.		Automatic binarization level decision for image processing (experiment)
8.	Prof. dr. ing. C-tin BĂLĂ-ZAMFIRESCU	Aggregation rules in computational swarm intelligence
9.		Task partitioning in computational swarm intelligence
10.		Aggregation rules in computational swarm intelligence
11.	Conf. dr. ing. Ioan Z. MIHU	
12.		
13.	Conf. dr. ing. Rodica BACIU	An Utility for Image Processing based on OpenGL
14.		Multiplatform OpenGL Game
15.	Conf. dr. ing. Macarie BREAZU	Dictionary based image compression
16.		
17.	Prof. dr. ing. Remus BRAD	Medical imaging application
18.		Object detection from plenoptic camera
19.	Conf. dr. ing. Dorin SIMA	Enterprise System Development in Java
20.		Enterprise System Development in .Net
21.	Conf. dr. ing. Adrian FLOREA	Applying multi-objective optimization methods in engineering domain.
22.		Designing and implementing an effective control system of energy / heat consumption in smart building.
23.	Conf. dr. ing. Daniel MORARIU	Using the word embedding for Rumanian document representation.
24.	Conf. dr. ing. Daniel MORARIU	Automatic ontology extraction from unstructured texts.
25.	S.l. dr. ing. Adalbert GOLOMETY	Sisteme evolutive simulate prin Gramatici de Crestere
26.	S.l. dr. ing. Adalbert GOLOMETY	Algoritmi genetici versus gramatici Lindenmayer in simularea vietii articificiale
27.	Conf. dr. ing. Arpad GELLERT	Denoising grayscale images using Markov chains
28.		Web page prefetching using metapredictors

Director Departament,

prof.dr.ing. Daniel VOLOVICI

Responsabil diplome,

Prof.dr.ing. Remus BRAD