

PROPUNERI DE TEME PENTRU LUCRAREA DE DIZERTATIE  
Master ADVANCED COMPUTING SYSTEMS

Promotia 2015-2016

Nr. crt.	Coordonator	Titlul temei
1.	Prof. dr. ing. Lucian VINTAN	Accelerating Multi-Objective Optimization through <i>Response Surface Modelling</i> Methods
2.		Multi-Objective Optimization of a Multi/Many-Core System through an Advanced <i>Domain-Knowledge</i>
3.		Implementing an Advanced Hyper-Heuristic Level in FADSE ( <i>Framework for Automatic Design Space Exploration</i> ). Validation through Multi-Objective Optimization for a Multi-Core System
4.	Prof. dr. ing. Daniel VOLOVICI	A Comparation between different Clustering Algorithms
5.		n-Bandit problems and related problems
6.		Reinforcement Learning for Games (Backgammon, Chess or Sokoban)
7.	Prof. dr. ing. C-tin BĂLĂ-ZAMFIRESCU	Object detection methods using RGB and RGB-D Cameras
8.		Real time video conversion to sound and vibration patterns
9.		Distributed processing solution for abstract applications
10.	Conf. dr. ing. Macarie BREAZU	Near-lossless image compression using 2D LZ77
11.		EZW/SPIHT coder-decoder
12.	Proff. dr. ing. Remus BRAD	Medical imaging application
13.		Object detection from plenoptic camera
14.	Conf. dr. ing. Dorin SIMA	Enterprise System Development in Java
15.		Enterprise System Development in .Net
16.	Conf. dr. ing. Adrian FLOREA	Applying multi-objective optimization methods in engineering domain.
17.		Designing and implementing an effective control system of energy / heat consumption in smart building.
18.	Conf. dr. ing. Daniel MORARIU	Part-of-speech tagging using Hidden Markov Models.
19.	Conf. dr. ing. Daniel MORARIU	Documents clustering using Support Vector Machine.
20.	S.l. dr. ing. Adalbert GOLOMETY	Sisteme evolutive simulate prin Gramatici Lindenmayer
21.	S.l. dr. ing. Arpad GELLERT	Denoising grayscale images using context-based techniques
22.		Web page prefetching using metapredictors

Director Departament,

prof. dr. ing. Daniel VOLOVICI

Responsabil diplome,

Prof. dr. ing. Remus BRAD