

PROPUNERI DE TEME PENTRU LUCRAREA DE DIZERTATIE
Master ADVANCED COMPUTING SYSTEMS

Promotia 2014-2015

Nr. crt.	Coordonator	Titlul temei
1.	Prof. dr. ing. Lucian VINTAN	Implementing a Hyper-Heuristic Level in FADSE (<i>Framework for Automatic Design Space Exploration</i>). Validation on Multi-Objective Optimization for a Multi-Core System
2.		Developing Advanced Domain-Knowledge for a Multi/Many-Core System Multi-Objective Optimization
3.		Integrating Parameters Feature Selection Methods in FADSE (<i>Framework for Automatic Design Space Exploration</i>)
4.	Prof. dr. ing. Daniel VOLOVICI	A Comparison between different Clustering Algorithms
5.		Feedforward Neural Network with Backpropagation
6.		Reinforcement Learning for Games (Backgammon, Chess or Sokoban)
7.	Conf. dr. ing. C-tin BĂLĂ-ZAMFIRESCU	Exploiting the BaS (Business as a Service) level in cloud-based computing environments
8.	Conf. dr. ing. Adi MITEA	
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11.	Conf. dr. ing. Ioan Z. MIHU	Hierarchical neural system for character recognition
12.		Neural Network System for geometric shapes recognition
13.	Conf. dr. ing. Rodica BACIU	Image Processing with OpenGL and Stencil Test
14.		An Utility for Image Processing based on OpenGL
15.		Multiplatform OpenGL Game
16.	Conf. dr. ing. Macarie BREAZU	Near-lossless image compression using 2D LZ77
17.		EZW/SPIHT coder-decoder
18.	Conf. dr. ing. Remus BRAD	Coronary plaque segmentation technique from CT imagery
19.		CT volume reconstruction
20.	Conf. dr. ing. Dorin SIMA	Enterprise System Development in Java
21.		Enterprise System Development in .Net
22.	Conf. dr. ing. Adrian FLOREA	Applying multi-objective optimization methods in engineering domain
23.		Designing and implementing an effective control system of energy / heat consumption in smart building
24.	conf. dr. ing. Daniel MORARIU	Text analysis based on time series
25.	S.I. dr. ing. Adalbert GOLOMETY	Sisteme evolutive simulate prin Gramatici Lindenmayer
26.		Algoritmi genetici versus gramatici Lindenmayer in simularea vietii artificiale
27.	S.I. dr. ing. Arpad GELLERT	Thermal manager for microarchitectures with selective value predictor Coordonator propus: Prof. dr. ing. Lucian VINTAN
28.		Web page prefetching using decision trees Coordonator propus: Conf. dr. ing. Adrian FLOREA

Director Departament,
prof.dr.ing. Daniel VOLOVICI

Responsabil diplome,
conf.dr.ing. Remus BRAD