

PROPUNERI DE TEME PENTRU LUCRAREA DE DISERTATIE  
Master ADVANCED COMPUTING SYSTEMS  
Promotia 2017-2018

Nr. crt.	Coordonator	Titlul temei	Nume student
1.	Prof. dr. ing. Lucian VINTAN	Dynamic Value Prediction in a Multicore System	
		Improving Multicore Systems Multi-Objective Optimization through Meta-Optimization	
		Models for Outlier Detection (Anomaly Detection)	
		Feature Selection for Document Representation using SVM	
2.	Prof. dr. ing. Daniel VOLOVICI	3D maps obtained from 2D images	
		Image enhancement methods	
3.	Prof. dr. ing. Remus BRAD	A Study of Lesion Detection Algorithms from CT scans	
		Collision Avoidance System Based on Image Processing	
		Smart Parking Application	
4.	Prof. dr. ing. C-tin BĂLĂ-ZAMFIRESCU	Prediction of short-term emergent behavior with Dynamic-Bayesian-Network	
		Semantic normalization	
5.	Prof. dr. ing. Adrian FLOREA	Applying multi-objective optimization methods in engineering domain.	
		Designing and implementing an effective control system of energy / heat consumption in smart building.	
6.	Conf. dr. ing. Ioan Z. MIHU		
7.	Conf. dr. ing. Dorin SIMA	Enterprise System Development in Java	
8.	Conf.dr.ing. Macarie BREAZU	Dictionary based image compression	
9.	Conf. dr. ing. Rodica BACIU	An Utility for Image Processing based on OpenGL	
		An Utility for Landscape Modelling based on OpenGL	
10.	Conf.dr.ing. Daniel MORARIU	Supervised methods for Outlier detection.	
		Semantic WEB	
11.	Conf. dr. ing. Arpad GELLERT	Web access prediction through deep learning	
		Energy manager in multicore architectures	
12.	Ș.I.dr.mat. Vasile CRĂCIUNEAN	ASM and Temporal Logic	
		Implementation of a DSL for component aggregation	
13.	Ș.I. dr. ing. Adalbert GOLOMETY	Sisteme evolutive simulate prin Gramatici de Crestere	
		Algoritmi genetici versus gramatici Lindenmayer in simularea vietii artificiale	
		Automate de contractie pentru gramatici matriciale	

Director Departament,  
prof.dr.ing. Daniel VOLOVICI

Responsabil diplome,  
Prof.dr.ing. Remus BRAD