

PROPUNERI TEME DISERTATIE EMBEDDED SYSTEMS 2019-2020

1	Prof.dr.ing. Daniel Volovici	Validation Methods of Artificial Neural Networks' Implementations
		Construction of Super-Resolution Images
2	Prof.dr.ing. Lucian Vințan	Implementing Selective Value Prediction in a Multicore System
		Implementing Selective Dynamic Instruction Reuse in a Multicore System
		Multi-objective Optimization through Novel Pareto-Fuzzy Genetic Algorithms
3	Prof.dr.ing. Remus Brad	Smart city application using image processing on embedded platforms
		Cybersecurity study on actual threads
4	Prof.dr.ing. C-tin Zamfirescu Bala	Model-driven engineering using co-simulation
		Co-simulation technologies and standards
		Simulation of CPS with hardware in the loop
5	Conf.dr.ing. Ioan Z. Mihu	
6	Conf.dr.ing. Dorin Sima	Embedded Systems Programming
7	Conf.dr.ing. Macarie Breazu	http://www.embeddedrelated.com/blogs-1/nf/all/Tutorials.php
		Registration of a chess game
		Monitoring the parameters of AC power network
8	Conf.dr.mat. Radu Crețulescu	Casa inteligentă
		Control zbor dronă
9	Conf.dr.mat. Daniel Morariu	A virtual embedded microcontroller laboratory
		Artificial intelligence for a line follow robot
		Monitoring and control a technological process.