

TEME MASTER ACS 2021-2022

1	Prof.dr.ing. Daniel Volovici	Local Scale Invariant Features Analysis on Image benchmarks
		Learning Dynamic Bayesian Networks
		Meta Reinforcement Learning with GAIL
		Modelarea jucătorilor la jocurile binare folosind regresia logistica a seriilor de timp
2	Prof.dr.ing. Remus Brad	Medical image segmentation using CNN
		A practical comparison of CT scan segmentation techniques
		Accelerating MRI recognition using learned representations
		A study of deep fake image detection
3	Prof.dr.ing. C-tin Zamfirescu Bala	Trusted execution environment - ensuring application confidentiality and honesty, even if the OS, hypervisor, or BIOS are compromised
		Ontology-based data integration and AI algorithm composition - incorporating functionality from multiple AIs with custom logic blocks using ontology schemas.
		Optimizing indivisible resource allocation
		Multi Agent Control for Cyber Physical Systems
4	Prof.dr.ing. Adrian Florea	Using smart robots in agriculture
		Performance analysis of value predictors from Championship of Value Prediction.
		Applying multi-objective optimization methods in engineering domain
		ADSE for multicore architectures enhanced with Multi-Value Dynamic Instruction Reuse technique.
5	Conf.dr.ing. Macarie Breazu	EZW/SPIHT coder/visualisation tool
		Analysis of Stockfish chess program
6	Conf.dr.mat. Radu Creţulescu	Controlul unui roi de drone
		Predicţionarea navigării pe Web utilizând reţele de încredere /HMM
7	Conf.dr.mat. Daniel Morariu	Deepfake detection.
		Plagiarism check system.
8	Conf.dr.mat. Arpad Gellert	Forecasting electricity consumption and production through machine learning methods
		Noise detection in images using dynamic decision trees
		Framework for worker intention estimation through context-based methods
9	Şef.lucr.dr.ing. Stelian Ciurea	Evaluator pentru teste date la examenul disciplinei Structuri de date partea 1
		Evaluator pentru teste date la examenul disciplinei Structuri de date partea 2
10	Şef lucr.dr.ing. Mihai Neghina	Indoor localization
		Genetic algorithms based on the Apparent Front Ranking (AFR) method
11	Şef lucr.dr.ing. Alexandru Butean	A data processing network based on Swarm intelligence
		Data optimization techniques using sharding
		Identity management in decentralized environments
		Decentralized data ontologies
12	Sef lucr.dr.ing. Cătălina Neghină	Tehnici de procesare a imaginilor cu aplicație în imagistica medicală
13	Asist.dr.ing. Radu Chiş	Zero knowledge proofs in blockchain
		Sharding problems in blockchain
		Zero knowledge proofs in blockchain
		Blockchain attacks