

<b>EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2024</b>					
<b>ZIUA: Joi, 20 iunie 2024 – SALA: B513 – Comisia 1</b>					
<b>Nr. Crt</b>	<b>Numele candidatului</b>	<b>Master</b>	<b>Titlul lucrării</b>	<b>Conducător științific</b>	<b>Ora</b>
1	MUNTEANU I. CRISTIAN	Cloud Computing and Internet of Things (CCIT), AC	Communication protocols for IoT: energy efficiency assessment	Conf.dr.ing. Alexandru IOVANOVICI (CTI)	9:00
2	SAMFIRESCU C. ȘTEFAN-SIMION	Software Engineering (SE), AC	Kubernetes-Orchestrated Applications: A Case Study on Cloud RAN Service Monitoring and Managing	Conf.dr.ing. Ioana ȘORA (CTI)	9:15
3	VÎRLAN S. ROXANA-DENISA	Information Technology (IT), AC	DETECTION OF PILL INTAKE ASSOCIATED GESTURE USING SMART WEARABLES AND MACHINE LEARNING	Conf.dr.ing. Alexandru IOVANOVICI (CTI)	9:30
4	BOTEAN I. CĂTĂLIN-CRISTIAN	Machine Learning (ML), AC	IMPROVING DOMAIN GENERALIZATION VIA BRIDGING CONVOLUTIONAL NEURAL NETWORKS AND STATE-SPACE MODELS IN MONOCULAR DEPTH ESTIMATION	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	9:45
5	HEGEDŪS M. D. FLORIN-ALEXANDRU	Machine Learning (ML), AC	ARTNeRF: Advanced Regularization Techniques for Few-Shot View Synthesis	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	10:00
6	CÂNDEA E. V. CĂTĂLIN-EMANOIL	Software Engineering (SE), AC	COMPARATIVE ANALYSIS OF MONOLITHIC AND MICROSERVICES ARCHITECTURES IN WEB API DEVELOPMENT	Conf.dr.ing. Alexandru IOVANOVICI (CTI)	10:15
7	SPINEAN V. ROBERT-SEBASTIAN	Machine Learning (ML), AC	Vision Receptance Weighted Key Values in State Space Models for Weakly Supervised Semantic Segmentation	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	10:30
8	PAVA D. F. DAVID-DANIEL	Machine Learning (ML), AC	Bitcoin Wallet Activity-Based Classification from Wallet and Transaction Graph Data	Conf.dr.ing. Răzvan BOGDAN (CTI)	10:45
9	LUDWIG W. CLAUDIU-JOHANN	Software Engineering (SE), AC	Way In - Way Out. Android mobile solution for indoor and outdoor positioning with navigation using Wi-Fi Access Points, BLE beacons and GPS	Prof.dr.habil.ing. Marius MARCU (CTI)	11:00
10	DRAGODAN SEBASTIAN	Software Engineering (SE), AC	CityPulse, City impediment stopping system.	Ș.l.dr.ing. Valer BOCAN (CTI)	11:15
11	GOIAN C. S. TUDOR-GEORGE	Software Engineering (SE), AC	DriverTracker. A Hybrid Approach For In-Depth Driving Behavior Analysis	Prof.dr.habil.ing. Marius MARCU (CTI)	11:30
<b>Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 1: Bianca GUȘIȚĂ (bianca.gusita@cs.upt.ro)</b>					

## EXAMEN DE DISERTAȚIE - SEȘIUNEA IUNIE 2024

ZIUA: Vineri, 21 iunie 2024 – SALA: B521 – Comisia 2

Nr. Crt	Numele candidatului	Master	Titlul lucrării	Conducător științific	Ora
1	NANU I. THEODOR-ALEXANDRU	Machine Learning (ML), AC	Shifting Strategies in SWIN Transformer	Conf.dr.ing. Cosmin CERNĂZEANU-GLĂVAN (CTI), drd.ing. Andrei BULZAN (CTI)	9:00
2	ANCUȚA I. CĂTĂLIN-MIHAI	Machine Learning (ML), AC	Study of FFDN for malicious activity detection in SDN.	Ș.l.dr.ing. Sebastian FUIICU (CTI)	9:15
3	ZAHARIA C. FLAVIA-CRISTIANA	Cloud Computing and Internet of Things (CCIT), AC	STRESS STATE MONITORING: AN ANALYSIS OF AN IOT SYSTEM BASED ON BIOSENSOR DATA	Conf.dr.ing. Răzvan BOGDAN (CTI)	9:30
4	CIUI A. ALEXANDRA-FLAVIA	Software Engineering (SE), AC	Towards understanding the utility of technology in emergency service calling by the hearing impaired in Romania	Prof.dr.habil.ing. Alexandru TOPÎRCEANU (CTI)	9:45
5	ȘOȘDIAN L. I. BOGDAN-GEORGE	Machine Learning (ML), AC	SOLAR PANEL POWER OUTPUT PREDICTION FROM WEATHER DATA USING MACHINE LEARNING	Conf.dr.ing. Răzvan BOGDAN (CTI)	10:00
6	LAZĂR L. IOANA	Cloud Computing and Internet of Things (CCIT), AC	INFLUENCE OF MUSIC ON PLANTS USING INTERNET OF THINGS BASED ENVIRONMENTAL MONITORING SYSTEM	Conf.dr.ing. Răzvan BOGDAN (CTI)	10:15
7	BRIAC I. ANDREI	Software Engineering (SE), AC	MXSimSo - Mixed Criticality Tasks Extension for SimSo Real-Time Scheduling Simulator	Ș.l.dr.ing. Cristina STĂNGACIU (CTI)	10:30
8	SAS Ș. COSMINA-ANAMARIA	Information Technology (IT), AC	Comparative Assessment of UI/UX for two major IDEs: A Qualitative and Quantitative Approach	Conf.dr.ing. Alexandru IOVANOVICI (CTI)	10:45
9	HĂM A. I. ATILA-GABRIEL	Software Engineering (SE), AC	OBJECT CLASSIFICATION USING NEURAL NETWORKS WITH AUTOMOTIVE RADAR SYSTEMS	Conf.dr.ing. Ciprian-Bogdan CHIRILA (CTI)	11:00
10	GLANDA DARIE-TEOFIL	Machine Learning (ML), AC	Cofster: Architectural Framework For an Intelligent Coffee System Using CV and NLP	Conf.dr.ing. Răzvan BOGDAN (CTI)	11:15
11	VISKI L. V. PAUL-DARIUS	Software Engineering (SE), AC	Adaptive Tourist Route Planning in Urban Environments: A Dynamic Multi-Objective Approach	Prof.dr.habil.ing. Marius MARCU (CTI)	11:30

Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 2: Cristina CĂRUNTA (cristina.carunta@cs.upt.ro)

**EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2024****ZIUA: Joi, 20 iunie 2024 – SALA: B528 – Comisia 3**

<b>Nr. Crt</b>	<b>Numele candidatului</b>	<b>Master</b>	<b>Titlul lucrării</b>	<b>Conducător științific</b>	<b>Ora</b>
1	MIHANCEA S. G. MIRUNA-MARIA	Machine Learning (ML), AC	NEURAL NETWORKS APPROACHES USED FOR EMOTIONS DETECTION	Ș.l.dr.ing. Flavius OPRITOIU (CTI)	8:00
2	CONSTANTIN G. IULIA-SARAH	Software Engineering (SE), AC	Medihealth - application for patients and doctors	Conf.dr.ing. Lucian PRODAN (CTI)	8:15
3	ZAHARIA G. JUSTINIAN-DARIUS	Software Engineering (SE), AC	Method Defragmenter 3.0: A New Approach to the Identification and Refactoring of Feature Envy Code at the Level of the Blocks of Code	Conf.dr.ing. Petru-Florin MIHANCEA (CTI)	8:30
4	DANCI I. IONUȚ-COSMIN	Information Technology (IT), AC	MACHINE RACING - A UNITY 2D RACING GAME WITH MACHINE LEARNING BOTS	Conf.dr.ing. Lucian PRODAN (CTI)	8:45
5	STOICA A. F. THEODOR	Machine Learning (ML), AC	Immersive NPC Behaviour generation using LLMs	Conf.dr.ing. Răzvan BOGDAN (CTI)	9:00
6	POPESCU M. CRISTINA-GABRIELA	Information Technology (IT), AC	StaySmart - Staffless Hotel Application	Ș.l.dr.ing. Răzvan-Dorel CIOARGĂ (CTI)	9:15
7	LAZĂR A. E. CHRISTINE-LORENA	Machine Learning (ML), AC	MAZE IN REINFORCEMENT LEARNING	Conf.dr.ing. Cosmin CERNĂZEANU-GLĂVAN (CTI), drd.ing. Andrei BULZAN (CTI)	9:30
8	MOTICICA I. S. SEBASTIAN-IONUȚ	Software Engineering (SE), AC	Inference on the Intel Meteor Lake NPU: Benchmarks and implementing an automatic transcriptions media player with Whisper	Prof.habil.dr.ing. Cătălin-Daniel CĂLEANU (ETC)	9:45
9	MANOLESCU S. SEVER	Software Engineering (SE), AC	Sooth: A 2D Pixel Art Game Immersed in the Culture of Old Romania	Ș.l.dr.ing. Mihaela CRIȘAN-VIDA (AIA)	10:00
10	MIHOC C. D. ALEXANDRU-CONSTANTIN	Information Technology (IT), AC	Automotive automated software system testing of HMI and simulated functionalities validation	Conf.dr.ing. Răzvan BOGDAN (CTI)	10:15

*Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 3: Petra CSEREOKA (petra.csereoka@cs.upt.ro)*

**EXAMEN DE DISERTAȚIE - SESIUNEA IUNIE 2024****ZIUA: Joi, 20 iunie 2024 – SALA: B425 – Comisia 4**

<b>Nr. Crt</b>	<b>Marca candidatului</b>	<b>Numele candidatului</b>	<b>Master</b>	<b>Titlul lucrării</b>	<b>Conducător științific</b>	<b>Ora</b>
1	M373846	ALDA I. IULIA-MARIA	Machine Learning (ML), AC	Distilling Vision Foundation Models for Instance Segmentation	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	10:00
2	M373866	IONETE M. VLAD-CONS	Machine Learning (ML), AC	Simplified UNet with depth-wise separable convolutions (SUDS)	Ș.l.dr.ing. Cosmin MARȘAVINA (CTI)	10:15
3	M373852	BILD E. ANDREAS	Machine Learning (ML), AC	Mushroom image classifier using Convolutional Neural Networks	Conf.dr.ing. Răzvan BOGDAN (CTI)	10:30
4	M373825	DĂRĂU M. T. ALEXAND	Computing and Internet of Things (CIOT GREENHOUSE: A System for live monitoring the environment o		Prof.dr.habil.ing. Alexandru TOPÎRCEAN	10:45
5	M373835	SAMONID S. D. BOGDA	Computing and Internet of Things (CIOT GREENHOUSE: A System for live monitoring the environment o	Virtual Private Cloud Infrastructure Based on Nested Virtualization.	Conf.dr.ing. Răzvan BOGDAN (CTI)	11:00
6	M373887	BOBEI G. RĂZVAN-MAR	Machine Learning (ML), AC	Optimizing Supervised Machine Learning Pipelines Using Genetic Alg	Conf.dr.ing. Cosmin CERNĂZEANU-GLĂ	11:15
7	M373543	PETER C. CRISTINA-CL	Computing and Internet of Things (CIOT GREENHOUSE: A System for live monitoring the environment o	AZURE CLOUD SOLUTION USING IGNITION SCADA FOR PRE	Conf.dr.ing. Adrian KORODI (AIA)	11:30
8	M373565	LAICU-HAUSBERGER D	Machine Learning (ML), AC	Semantic Segmentation Refined: A Study on Framework Efficiency, B	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	11:45

[Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 4: Marian-Emanuel IONASCU \(marian.ionascu@upt.ro\)](mailto:marian.ionascu@upt.ro)

**EXAMEN DE DISERTAȚIE - SEȘIUNEA IUNIE 2024****ZIUA: Vineri, 21 iunie 2024 – SALA: B520 – Comisia 5**

<b>Nr. Crt</b>	<b>Numele candidatului</b>	<b>Master</b>	<b>Titlul lucrării</b>	<b>Conducător științific</b>	<b>Ora</b>
1	TIMAR L. V. ANDREI	Machine Learning (ML), AC	One Bounding Box for Multiple Objects using SparseViT for Monocular 3D Object Detection	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	9:00
2	MUREȘAN G. AMALIA-IULIA-GEORGIANA	Machine Learning (ML), AC	Detecting GPT-Generated Reviews in Romanian Using Machine Learning Methods	Conf.dr.ing. Dan PESCARU (CTI)	9:15
3	BANU-ȚĂRAN G. F. PAUL-CRISTIAN	Machine Learning (ML), AC	Energy consumption measurements and optimization in mobile networks	Prof.dr.habil.ing. Marius MARCU (CTI)	9:30
4	GRIGORE-ATIMUȚ E. IONUȚ-ORLANDO	Machine Learning (ML), AC	MAMBADEPTH: ENHACING LONG-RANGE DEPENDENCY FOR SELF-SUPERVISED FINE-STRUCTURED MONOCULAR DEPTH ESTIMATION	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	9:45
5	BĂBĂLĂU A. ALEXANDRU	Machine Learning (ML), AC	Enhancing Context Aggregation Attention for Improved Semantic Segmentation Models	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	10:00
6	GAL M. D. DENISA-MARINELA	Information Technology (IT), AC	Exploring Value-Based Methods for Goal Finding Problems	As.drd.ing. Petra CSEREOKA (CTI), Prof.dr.habil.ing. Mihai-Victor MICEA (CTI)	10:15
7	MUREȘAN D. C. DARIA-GEORGIANA	Machine Learning (ML), AC	Enhancing Vision Models: Adding Deformability to improve Semantic Segmentation Models	Prof.dr.habil. ing. Călin-Adrian POPA (CTI)	10:30
8	ALEXA I. L. LIVIU-ANIEL	Machine Learning (ML), AC	ENHANCED VISUAL ODOMETRY PIPELINE USING VARIOUS FEATURE EXTRACTORS AND MATCHERS	Conf.dr.ing. Mircea-Bogdan RĂDAC (AIA)	10:45
9	BLAGA S. RUXANDRA-MARIA	Information Technology (IT), AC	Web Tools for Language Applications	Conf.dr.ing. Dan PESCARU (CTI)	11:00
10	BANCIU L. A. CLAUDIA-ANDREEA	Cloud Computing and Internet of Things (CCIT), AC	AIR QUALITY MONITORING AND PREDICTION USING AN IOT DEVICE	Conf.dr.ing. Răzvan BOGDAN (CTI)	11:15

*Pentru întrebări suplimentare, neclarități sau contestații contactați secretarul Comisiei 5: Eugenia CAPOTA (eugenia.capota@cs.upt.ro)*